



I-26 Widening

From Mile Marker 125 to Mile Marker 136

Public Information Meeting
September 23, 2021

Presenters

Adam Humphries, SCDOT

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I-26 Corridor



222 miles – **longest**
interstate route in SC



Connects state's 3
largest MSAs



Vital **commercial,**
personal, and **tourist**
route

South Carolina Freight



\$37.2B annual economic impact of SC freight industry



Truck freight projected to increase from 375M tons and \$612B value to 600M tons and \$1.18T value by 2040



Port of Charleston #8 seaport district in US



SCDOT established Rural Interstate Freight Mobility Program



Key freight program component is widening I-26

Columbia – Charleston Corridor Improvements



Widen to three continuous lanes
In each direction

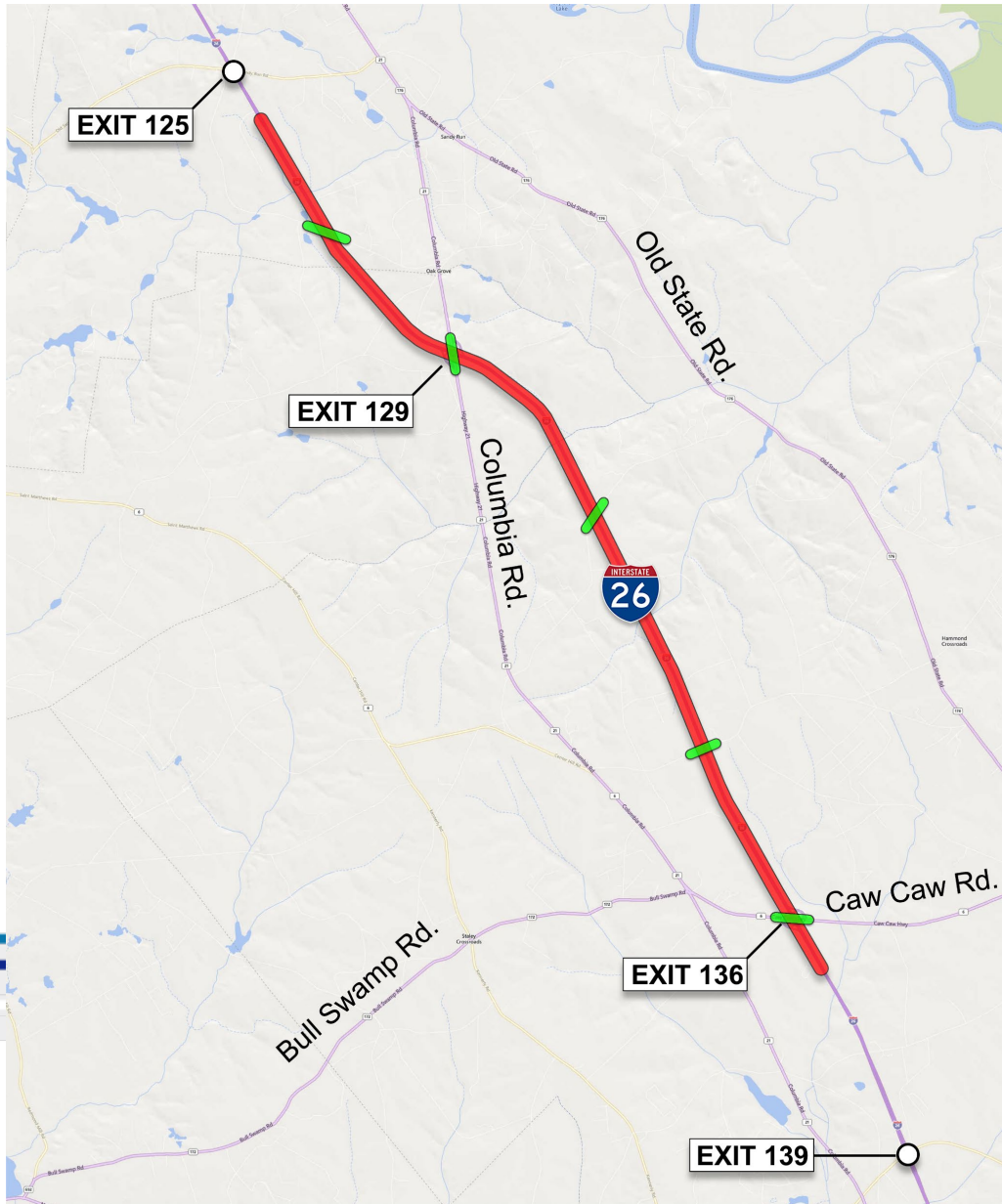


Address frequent interruptions
caused by congestion



Meet regional needs for safety,
reliability, and economic
stability

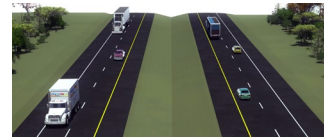
Proposed I-26 Widening Project



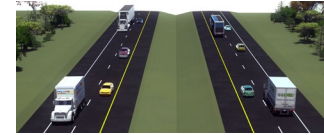
- Widens next 11 miles of I-26 to 3 lanes in each direction
- Reconstructs interchanges at Exits 129 and 136
- Replaces all 5 five bridges

I-26 Traffic Analysis

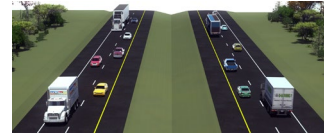
I-26 Levels of Service



LOS A

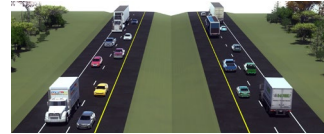


LOS B

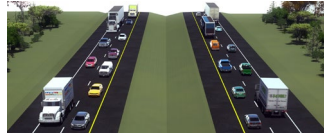


LOS C

← 2021 PM Peak



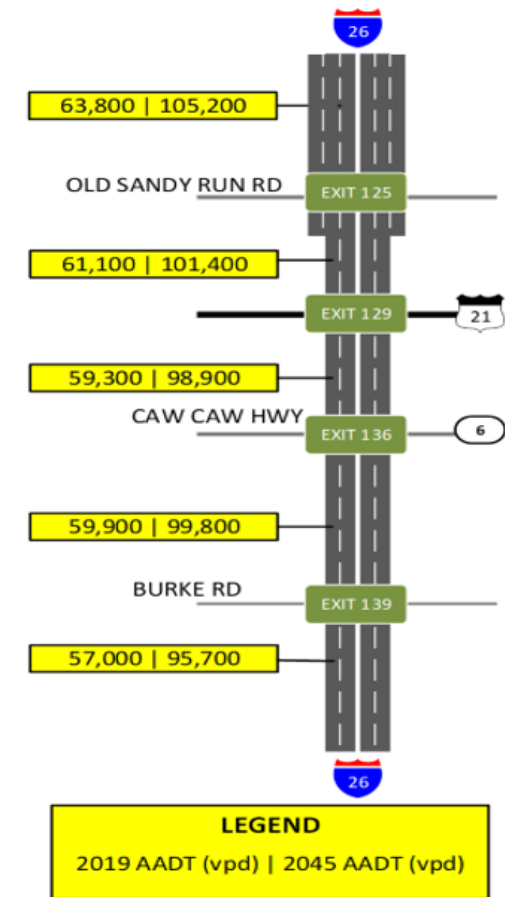
LOS D



LOS E



LOS F ← 2045 PM Peak
No-Build



I-26 Safety Analysis

2015 – 2019 Statistics

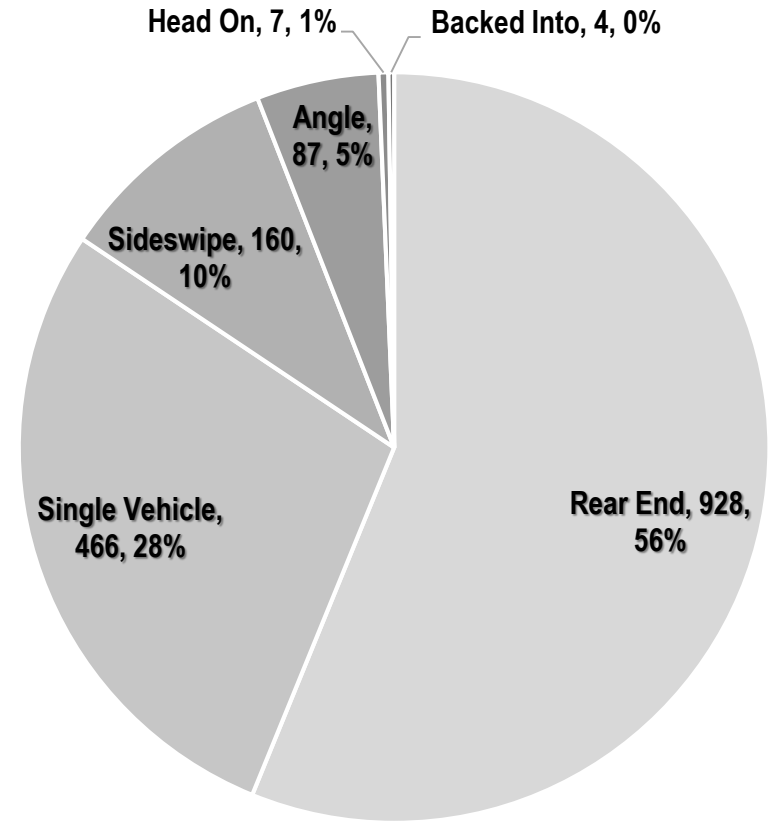
1,652 Crashes



374 Injury Crashes

6 Fatal Crashes

Collisions by Type



I-26 Safety Improvements

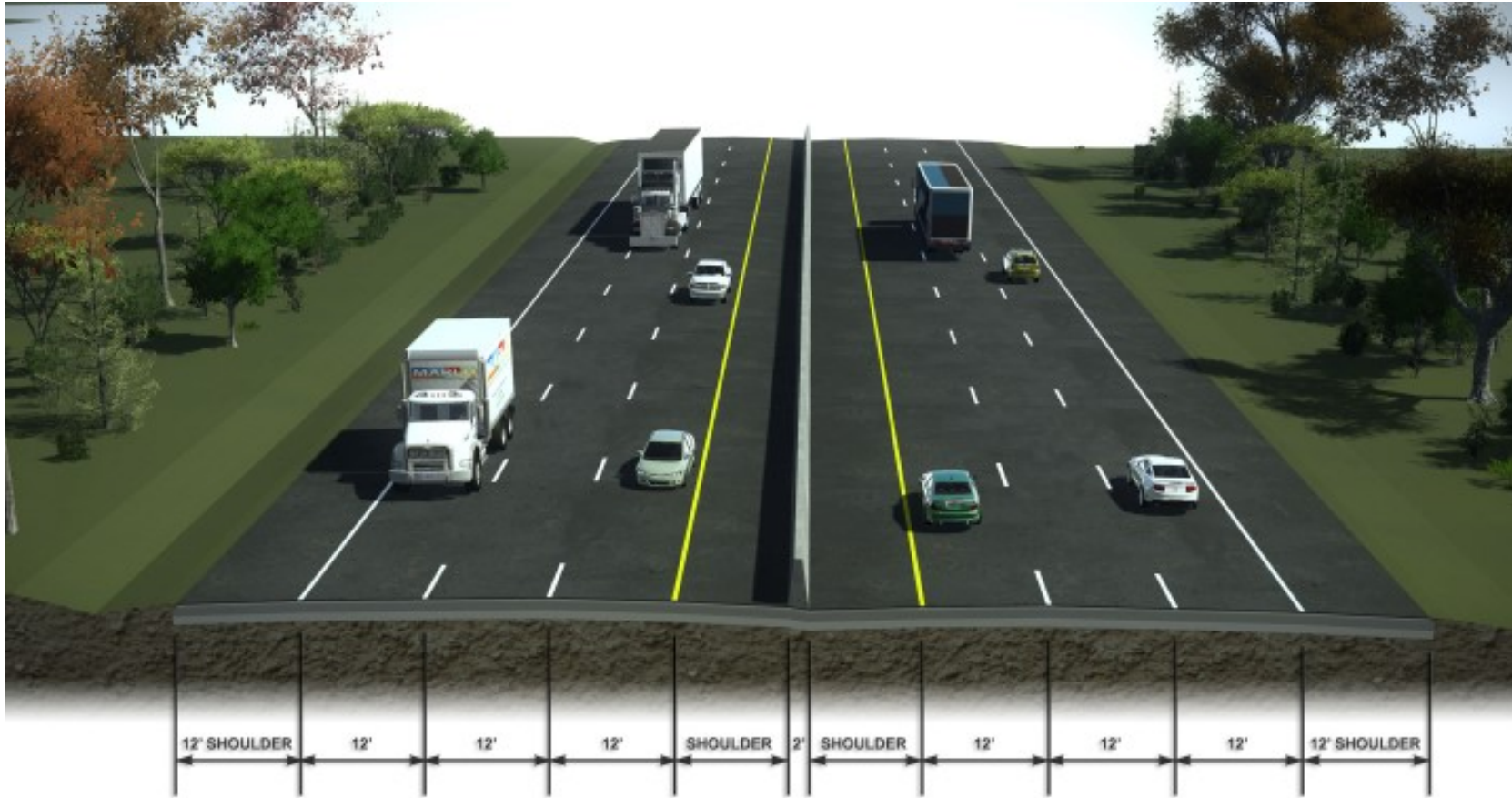


- Reconstruct interchanges to improve geometry
 - ✓ Intersection angles
 - ✓ Replace loop ramps
 - ✓ Increase intersection sight distance
- Widen Paved Shoulders
 - ✓ Regain control
 - ✓ Stalled vehicles
- Improve sight distance over crest curves
 - ✓ 8 crests don't meet 70 mph design speed
 - ✓ Experience higher crash rates
- Widen bridge shoulders
- Upgrade high friction surface course

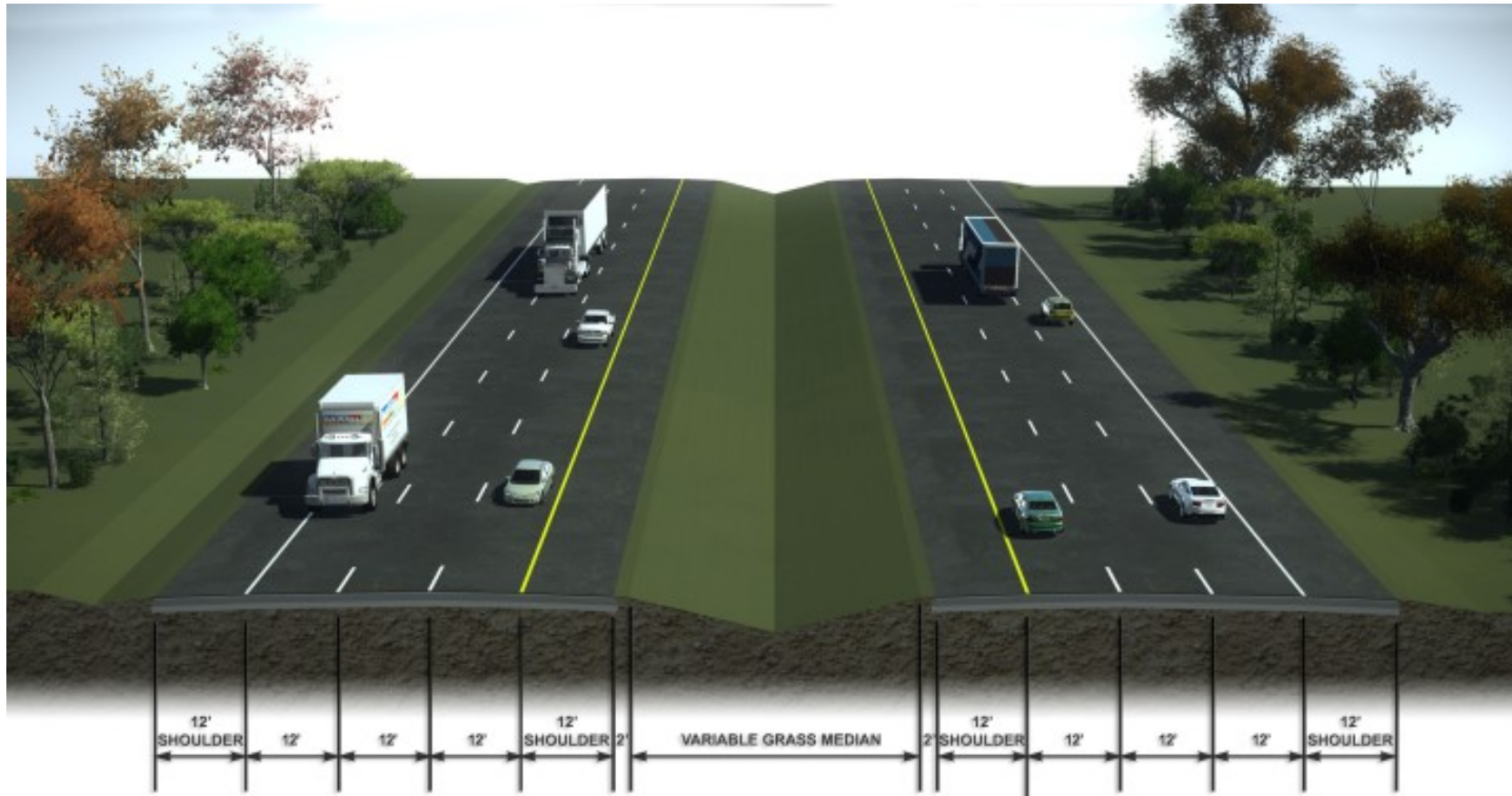
Existing Typical Section



Proposed Typical Section



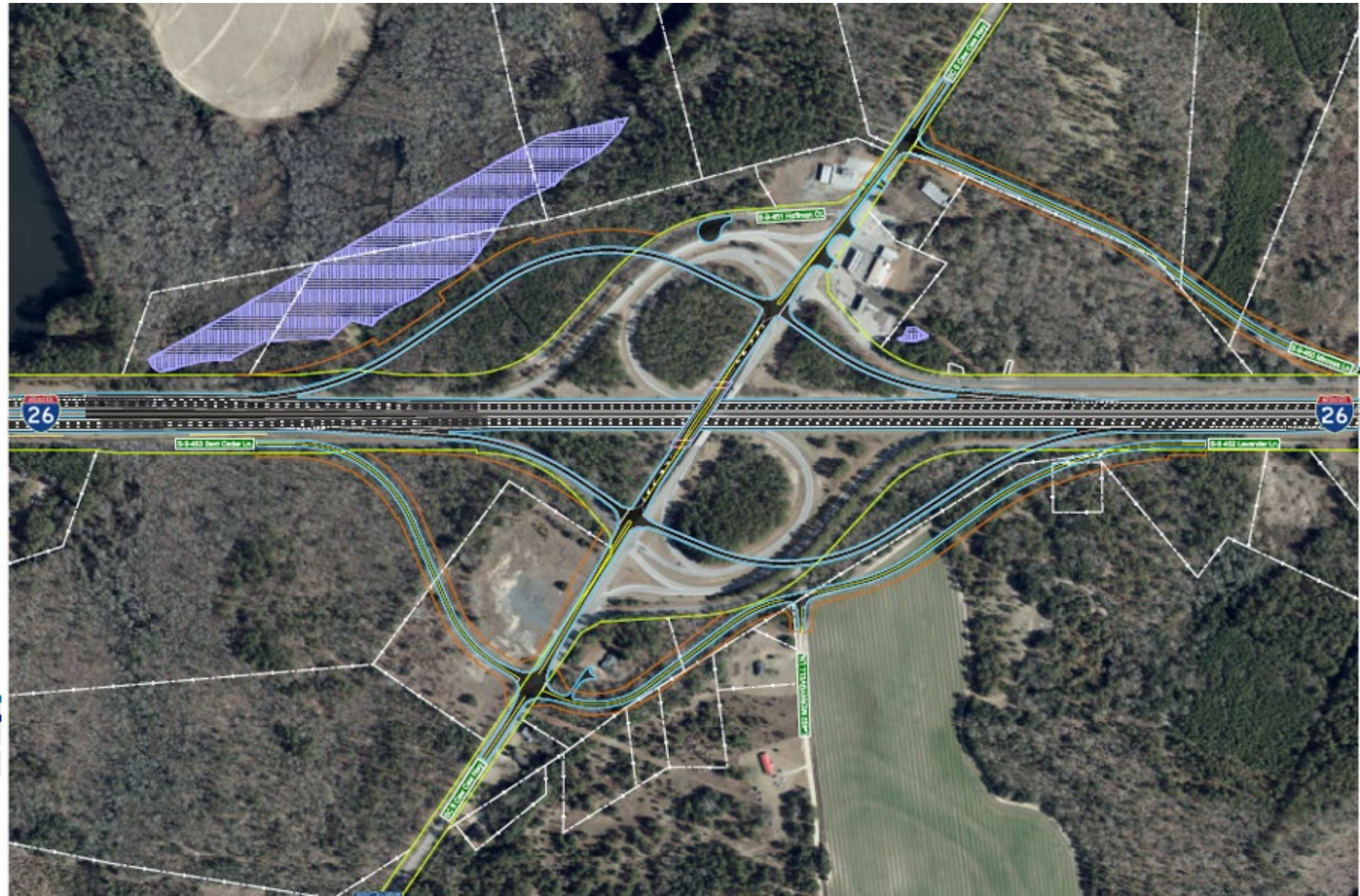
Proposed Typical Section – Grass Median



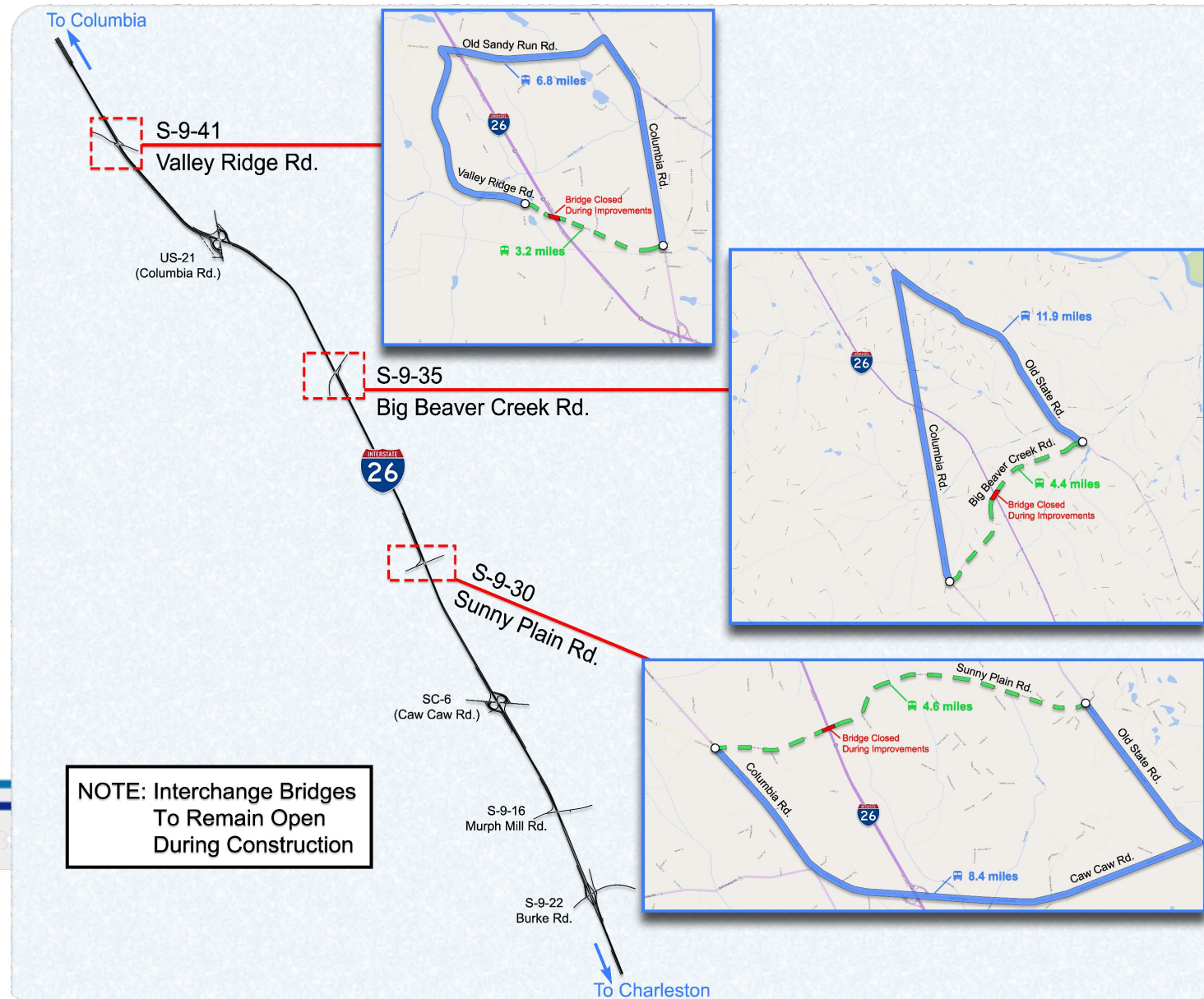
Exit 129 – US 21 Columbia Road



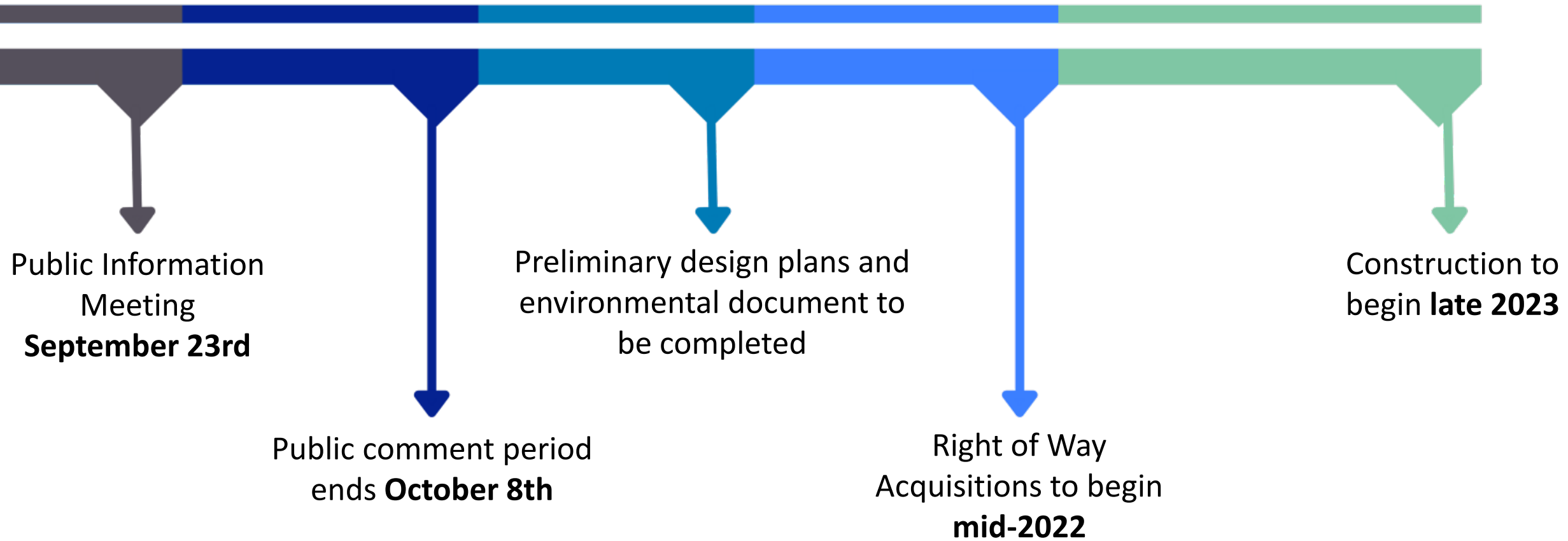
Exit 136 – SC 6 Caw Caw Road



Overpass Bridges



Looking Ahead



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