



NOTICE TO ALL CONSULTING ENGINEERING FIRMS

Solicitation Number S-280-24

I-95 Corridor Improvement from MM 8 to MM 21

October 3, 2023

Request for Proposals Addendum 2

Access to the I-95 Corridor Improvement MM 8 to MM 21 Resource Documents can be found using your ProjectWise Portal Account. [S-280-24 I-95 Corridor Improvements MM 8 to MM 21 Resource Documents](#) subfolder can be found under the Proposal Submissions folder. For any help locating the documents please contact Wendy Hollingsworth at HollingsWG@scdot.org.

For access to Bridge plans please see below:

Please be advised that structural bridge plans are allowed to be released for procurement purposes under Section 30-4-40(a)(17) of the SC Code of Laws.

To request Bridge plans please complete the Bridge Plans Request Form provided in appendix A of Engineering Directive 18 located at this link [ED-18.pdf \(scdot.org\)](#) and submitted to Mark Lorick at LorickME@scdot.org.



**Request for Proposals Addendum 1
SCDOT Questions and Answers
and
Three (3) additional reports uploaded see Miscellaneous Tab
NOTICE TO ALL CONSULTING ENGINEERING FIRMS**

To all potential proposers:

Solicitation Number: S-280-24

I-95 Corridor Improvement from MM 8 to MM 21

SCDOT Questions and Answers:

1. Is there existing traffic counts or survey information available? Will it be provided? – [The information has been requested from HDR and will be provided once available.](#)
2. Will the QA Review be advertised or will an on-call be used? – [The QA Review will be a project specific advertisement.](#)
3. How long is the Procurement timeline going to be? – [Four \(4\) weeks.](#)
4. Is SB Bagshaw being designed to the same criteria (3 lanes)? – [SC Bagshaw is being designed for a future 3rd lane on I-95 as well as a future 4th lane with reduced inside shoulders.](#)
5. Will SB Bagshaw plans be provided? – [The plans will be provided.](#)
6. Is there a resurfacing project anticipated? – [A recent resurfacing project was completed within the corridor as well as concrete patching within the last 5 years and would not anticipate another one during this project development.](#)
7. Will the pedestrian overpass information be provided? – [The bridge plans have been provided for the bridge and it will need to be evaluated as part of the project.](#)
8. Why is the pedestrian overpass currently closed? – [Due to safety, specifically the fencing is damaged.](#)
9. Has any tree clearing be done? If not, would it be included in this contract? – [Some tree clearing has been done on a previous safety projects but there is potential for additional tree clearing to be necessary for this project.](#)
10. Are any firms precluded? – [No.](#)

11. Will Exit 8 plans be provided? – The Exit 8 IMR has been provided.
12. Please provide all work product produced as part of the design-build prep project phase:
- Roadway plans, including microstation files. No information available.
 - Bridge plans, including microstation files. No information available.
 - Survey data, including all electronic data files. Information will be provided once received.
 - Geotechnical data, including any reports. No information available.
 - Hydrology and hydraulic design data, including any reports. No information available.
 - Meeting minutes from project team meetings. The available information will be provided once it is received from HDR.
13. Does SCDOT plan to replace or retain the I-95 pavement within the limits of the project? The pavement will be evaluated as part of the overall project by SCDOT to determine any pavement improvements but it would be highly unlikely it would be completely pavement replacement.
14. Have there been any instances of flooding on I-95 that need to be addressed as part of this project? Not within these project limits but future flooding concerns will need to be addressed as part of the project.
15. Please provide design, plans, and geotechnical information for the I-95 SB Bridge Replacement over Bagshaw Swamp currently in production but is not included in this project. Information will be provided.
16. An SI&A sheet for the US 17 Bridge over I-95 at Exit 22 is included with the RFP package. Please confirm that this interchange is not part of the current project. Exit 22 is not within the project limits.

Three (3) additional reports uploaded see Miscellaneous Tab:

I-95 Bagshaw Swamp Final Seismic Summary Report
I-95 Bagshaw Swamp Final Bridge Hydraulic Report Signed
BGER I-95 BRO Bagshaw Swamp Rev1 10/14/2021



NOTICE TO ALL CONSULTING ENGINEERING FIRMS

Solicitation Number S-280-24

I-95 Corridor Improvement from MM 8 to MM 21

The **SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION (SCDOT)** requests a letter of interest and a proposal containing qualifications from all interested consulting firms experienced in providing engineering services for the development and delivery of preliminary roadway and bridge plans, environmental studies and documentation, environmental permitting, right of way plans, and final construction plans for roadways and bridges, and associated design/coordination services for the Corridor improvement listed above.

Requested services include but are not limited to: project management, field surveys and pavement scanning, environmental studies and documentation, environmental permitting, traffic design, bridge design, structural design, roadway design, hydrology/hydraulic design, geotechnical services, hazardous materials survey, subsurface utility engineering, utility coordination, development of preliminary/final right of way plans, right-of-way acquisition services, value engineering, development of preliminary/final construction plans, pavement marking and signing plans, constructability review, construction phase services, engineer's estimate/project specific special provisions and other related duties deemed necessary. SCDOT intends to select and negotiate a contract with one consultant team for development of the project. The work included in this solicitation will be negotiated in two phases. The first phase will include all necessary work to arrive at a NEPA decision. The second phase will cover all remaining work, including final design and preparation of construction documents. SCDOT is not obligated to proceed with final design and in no case will this work begin until a NEPA decision is made. Once SCDOT is assured that all reasonable alternatives have been appropriately evaluated allowing a NEPA decision to be made, negotiations for phase II work will commence; subject to the Consultant satisfactory performance of phase I work. The project team should be capable of providing all services outlined above.

Disadvantaged Business Enterprise goal is established as **13% percent** and will be administered in accordance with SECTION I. INSTRUCTIONS TO CONSULTANTS.

Whether or not there is a Disadvantaged Business Enterprise (DBE) goal on this contract, proposer is strongly encouraged to obtain the maximum amount of DBE participation feasible on the contract. The selected consultant will be required to report all DBE participation through the DBE Quarterly Report required in the supplemental specification.

RFP information associated with this solicitation is located at the following link:

<http://info2.scdot.org/professionalserv/Pages/Consultants-Professional-Services.aspx#tabs-5>

For questions, please contact the SCDOT Contracting Officer, Wendy Hollingsworth at (803) 737-0746 or via email at Hollingswg@scdot.org. Electronic Submissions are due no later than 2:00 PM, **October 17, 2023**.

PROFESSIONAL CONSULTANT SERVICES REQUEST FOR PROPOSAL

AGENCY	South Carolina Department Of Transportation (SCDOT)
DESCRIPTION:	I-95 Corridor Improvement from MM 8 to MM 21
SOLICITATION NUMBER	S-280-24
ADVERTISEMENT DATE	September 18, 2023
CONTRACTS OFFICER (CO)	Wendy Hollingsworth (803) 737-0746
SUBMIT YOUR RFP TO:	All electronic proposal submissions and the letter of interest should be submitted via ProjectWise electronic submittal system no later than 2:00 PM (EST), <u>October 17, 2023</u> . No proposals shall be accepted after the date and time specified.

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- G. FINAL SELECTION AND NOTIFICATION
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- J. APPENDIX

A. PURPOSE OF REQUEST:

The **SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION (SCDOT)** requests a letter of interest and a proposal containing qualifications from all interested consulting firms experienced in providing engineering services for the development and delivery of preliminary roadway and bridge plans, environmental studies and documentation, environmental permitting, right of way plans, and final construction plans for roadways and bridges, and associated design/coordination services for the Corridor improvement listed above.

Requested services include but are not limited to: project management, field surveys and pavement scanning, environmental studies and documentation, environmental permitting, traffic design, bridge design, structural design, roadway design, hydrology/hydraulic design, geotechnical services, hazardous materials survey, subsurface utility engineering, utility coordination, development of preliminary/final right of way plans, right-of-way acquisition services, value engineering, development of preliminary/final construction plans, pavement marking and signing plans, constructability review, construction phase services, engineer's estimate/project specific special provisions and other related duties deemed necessary. SCDOT intends to select and negotiate a contract with one consultant team for development of

the project. The work included in this solicitation will be negotiated in two phases. The first phase will include all necessary work to arrive at a NEPA decision. The second phase will cover all remaining work, including final design and preparation of construction documents. SCDOT is not obligated to proceed with final design and in no case will this work begin until a NEPA decision is made. Once SCDOT is assured that all reasonable alternatives have been appropriately evaluated allowing a NEPA decision to be made, negotiations for phase II work will commence; subject to the Consultant satisfactory performance of phase I work. The project team should be capable of providing all services outlined above.

Disadvantaged Business Enterprise goal is established as **13% percent** and will be administered in accordance with SECTION I. INSTRUCTIONS TO CONSULTANTS.

Whether or not there is a Disadvantaged Business Enterprise (DBE) goal on this contract, proposer is strongly encouraged to obtain the maximum amount of DBE participation feasible on the contract. The selected consultant will be required to report all DBE participation through the DBE Quarterly Report required in the supplemental specification.

SCDOT will use a two-tier evaluation process to select a consultant with which to execute a contract for this Project. The object of the two-tier process is to promote fair and open competition and to have objective scoring of each proposer's active workload. The two-tier process consists of the evaluation of the technical criteria of the RFP and a numerical score of the proposer's active workload. The Selection Committee will review responsive, responsible proposals and will score them based on the technical criteria contained within the RFP. The Chief of Professional Services, or designee, will compute a Weighted Workload Score independently of the evaluation committee based upon the firm's active workload in Category A. Category A generally consist of preconstruction activities needed for the feasibility, design, permitting or construction of a project. Examples include, but not limited to: Roadway Design, Bridge Design, Environmental Permitting, Safety Audits, Hydraulic Analysis and Traffic Design. The Weighted Workload Score will then be integrated with the technical score from the Selection Committee and combined for a total score of the firm's proposal.

For purposes of this solicitation, "Workload" is defined as the dollar amount of active executed agreements (basic, contract modifications, work orders, task orders, and small purchase) between a consultant and SCDOT, minus the amounts already invoiced. It will also include those amounts under negotiation, exclusive of those that are suspended. This Workload total will be used to determine an individual Workload Score for the consultant and an individual Workload Score for each subcontractor included in the proposal. Workload will be locked in at close of business on the date of advertisement.

Workload Scores are expressed as a value between 1 - 10 based on the workload as defined above. The table below shows the Workload Balance Values and the corresponding scores.

Workload Balance Value	Score
Above \$25,000,000	1
\$22,000,001 - \$25,000,000	2
\$19,000,001 - \$22,000,000	3
\$16,000,001 - \$19,000,000	4
\$13,000,001 - \$16,000,000	5
\$10,000,001 - \$13,000,000	6
\$7,000,001 - \$10,000,000	7
\$4,000,001 - \$7,000,000	8
\$1,000,001 - \$4,000,000	9
\$0-\$1,000,000	10

The individual Workload Scores calculated for the prime consultant and each subcontractor included in the proposal will be used to determine the Weighted Workload Score. The weight factors come from the percentage of work allocated to the consultant and each subcontractor in the proposal. The individual

Workload Scores will be multiplied by the appropriate weight factors, and the resulting numbers will be added to provide the Weighted Workload Score. Please see the following table for examples.

<u>Non-Weighted Method</u>				<u>Weighted Method</u>			
Proposal 1	Contract Percentage	Workload Score	Workload Score Used	Proposal 1	Contract Percentage	Workload Score	Workload Score Used
Prime	40%	10	10.0	Prime	40%	10	4.0
Subcontractor 1	20%	1	0.0	Subcontractor 1	20%	1	0.2
Subcontractor 2	20%	2	0.0	Subcontractor 2	20%	2	0.4
Subcontractor 3	20%	2	0.0	Subcontractor 3	20%	2	0.4
<i>Score Used</i>			10.0	<i>Score Used</i>			5.0
Proposal 2	Contract Percentage	Workload Score	Workload Score Used	Proposal 2	Contract Percentage	Workload Score	Workload Score Used
Prime	50%	1	1.0	Prime	50%	1	0.5
Subcontractor 1	20%	9	0.0	Subcontractor 1	20%	9	1.8
Subcontractor 2	20%	9	0.0	Subcontractor 2	20%	9	1.8
Subcontractor 3	10%	9	0.0	Subcontractor 3	10%	9	0.9
<i>Score Used</i>			1.0	<i>Score Used</i>			5.0

Once the Selection Committee finalizes its evaluation, the scores are cast in the electronic score sheet. The weighted workload score is entered in the digital score sheet to render the final score for each proposal. The CO will recommend the three (3) top-ranking firms in order to the Chief Procurement Officer (CPO). The CPO will have final approval. The determination regarding how many Proposers to recommend is not subject to review or protest.

Cost is NOT a factor in the ranking of consultants to provide services herein. DO NOT include any reference to consultant costs in the RFP response. Any RFP response with any discussion of cost will be disqualified. Consultants are advised that this evaluation and selection process is a competition and not simply a prequalification. Note that the method of payment for this contract will be a cost plus fixed fee, specific rates of compensation/unit rates with a contract maximum, or lump sum.

B. SCOPE OF SERVICE:

The South Carolina Department of Transportation (SCDOT) proposes to widen Interstate 95 from Exit 8 (US 278) to Exit 21 (SC 336) in Jasper County.

Engineering services may include but are not limited to:

1. TASK 1 - PROJECT ORGANIZATION AND MANAGEMENT

- Project Management
- Project Risk Management
- Schedule
- Design Review Coordination
- Opinions of Probable Cost
- Progress Reporting and Invoicing

2. TASK 2 - FIELD SURVEYS

- Project Survey Control
- Best Fit Existing Roadway Alignment (ERA)
- Courthouse Research
- Field Survey Detectable Property Monuments
- Property Strip Map
- Cross Sections
- Planimetric (2D) Surveys

- Drainage Feature Surveys
- Locate Existing Storm Drainage Structures
- New and Existing Right-of-Way Staking
- Locate Geotechnical Bore Holes
- Supplemental Bridge Survey
- Field Survey Railroad Corridor
- Traffic Control
- Aerial & LiDAR Mapping of Project corridor
- Mobile LiDAR mapping of interstate within project limits

3. TASK 3 - PIPE AND BOX CULVERT INSPECTION

- Box Culvert Video Inspection
- Pipe Video Inspection
- Barrel Assessment
- Culvert Inventory
- Inspection Report

4. TASK 4 - TRAFFIC STUDIES AND MODELING

- Field Survey
- Traffic Data Collection
- Preliminary Workzone Traffic Control Recommendations
- Traffic Analysis
- Conceptual Interstate Signing Plan
- Interchange Modification Report

5. TASK 5 - ENVIRONMENTAL DOCUMENTATION AND ENVIRONMENTAL PERMITTING

- Field Surveys
- Letter of Intent
- Perform Jurisdictional Determination
- Environmental Analysis and Review
- Public Involvement
- Permit Acquisition

6. TASK 6 - ROADWAY DESIGN

- Conceptual Roadway Development
- Prepare Design Criteria Report
- Best Fit Alignment for Mainline
- Develop Interchange Alternatives
- Develop Preliminary Roadway Plans
- Develop Right-of-Way Plans

7. TASK 7 - BRIDGE AND ROADWAY STRUCTURES DESIGN

- Bridge Alternative Study
- Preliminary Bridge Plans
- Preliminary Seismic Design Summary Report
- Field Reviews
- Preliminary Roadway Structures

8. TASK 8 – HYDROLOGY & HYDRAULIC DESIGN

- Preliminary Roadway Drainage
- Preliminary Drainage Design
- FEMA Studies and Modeling

- Erosion and Sediment Control Design & Stormwater Management Plan (including NOI & NPDES Permits)
- ROW Roadway Hydrology and Hydraulic Design

9. TASK 9 - GEOTECHNICAL INVESTIGATIONS

- Field Exploration
- Laboratory Testing
- Preliminary Road and Bridge Geotechnical Engineering Report
- Site Specific Response Analysis Report

10. TASK 10 - HAZARDOUS MATERIALS SURVEYS AD REPORTS

- Asbestos Assessment
- Lead-Based Paint Assessment

11. TASK 11 – PRELIMINARY UTILITY COORDINATION

- Early Utility Coordination
- Preliminary Utility Coordination
- Preliminary Utility Report

12. TASK 12 - SUE

- Provide SUE Recommendation
- Perform all designating/locating services

13. TASK 13 – VALUE ENGINEERING

- Value Engineering Presentation & Responses

14. TASK 14 - RIGHT OF WAY MANAGEMENT

- Determine Ownership of parcels to secure access for survey purposes
- Evaluate Design Alternatives and discuss with property owners
- Evaluate Parcels for Potential Early Acquisition

15. TASK 15 - PROJECT KICKOFF/COST & SCHEDULE RISK ANALYSIS

- Engineering Estimate and Budget Validation
- Cost and Schedule Risk Management

16. TASK 16 - FINANCIAL MANAGEMENT PLAN

- Schedule
- Project Cost
- Project Funds, Financing Issues, Cash Flow
- P3 Assessment
- Risk and Response Strategies & Annual Update Cycle

17. TASK 17 - PROJECT MANAGEMENT PLAN

- Project Description, Purpose, Goals, Objectives and Metrics
- Project Procurement
- Project management Controls
- Project Communications Management
- Project Documentation & Reporting
- Management of the Project Management Plan
- Design Quality Assurance/Quality Control (QA/QC)
- Environmental Monitoring
- Traffic Management
- Project Public Information and Outreach

18. TASK 18 – DESIGN ADJUSTMENT

- Additional effort beyond scope

SIA Reports Next Page(s):

IDENTIFICATION			
(1) State Name - SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002710009511000	Asset ID	4561	
(5) Inventory Route (On/Under)	On -	111000951	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected SC 336			
(7) Facility Carried I-95 NB			
(9) Location @ RIDGELAND			
(11) Milepoint		20.751	
(12) Base Highway Network - PART OF NET	Code	1	
(13) LRS Inventory Route & Subroute		001-00095000	
(16) Latitude 32 Degrees 28 Minutes 38.96 Seconds			
(17) Longitude 80 Degrees 58 Minutes 16.40 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - STEEL			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	302	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		3	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1965	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - HIGHWAY, WITH OR WITHOUT	Code	1	
(28) Lanes: On Structure = 2 Under Structure = 3			
(29) Average Daily Traffic		26450	
(30) Year of ADT 2021	(109) Truck ADT	21 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		74 FT	
(49) Structure Length		150 FT	
(50) Curb or Sidewalk: Left .0 FT Right .0 FT			
(51) Bridge Roadway Width Curb to Curb		37.2 FT	
(52) Deck Width Out to Out		40.0 FT	
(32) Approach Roadway Width (W/Shoulders)		38 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 0 Deg (35) Structure Flared NO			
(10) Inventory Route Min Vert Clear	16 FT	1 IN	
(47) Inventory Route Total Horz Clear		37.2 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - HWY BENEATH	15 FT	9 IN	
(55) Min Lat Underclear Right Ref - HWY BENEATH		12.4 FT	
(56) Min Lat Underclear Left		.0 FT	
NAVIGATION DATA			
(38) Navigation Control - N/A - NO WATERWAY	Code	N	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance	FT		
(116) Vert-Lift Bridge Min Vert Clear	FT		
(40) Navigation Horizontal Clearance	FT		
Sufficiency Rating = 92.0			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION		Code	
(112) NBIS Bridge Length -		YES	
(104) Highway System - NHS		1	
(26) Functional System - URBAN-PRIN ART-INT		11	
(100) Strahnet Highway - STRAH HWY		1	
(101) Parallel Structure - RIGHT STRUCT		R	
(102) Direction of Traffic - 1-WAY TRAFFIC		1	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - YES		1	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION		Code	
(58) Deck - SATISFACTORY		6	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - SATISFACTORY		6	
(61) Channel and Channel Protection - N/A		N	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING		Code	
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		60.91	
(66) Inventory Rating - LRFR		46.98	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL		Code	
(67) Structure Evaluation - EQUAL TO MIN CRITERIA		6	
(68) Deck Geometry		5	
(69) Underclearances, Vertical and Horizontal		5	
(71) Waterway Adequacy		N	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		111N	
(113) Scour Critical Bridges - NOT OVER WATERWAY		N	
PROPOSED IMPROVEMENTS		Code	
(75) Type of Work -			
(76) Length of Structure Improvement		150.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		46288	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 07/2022	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp NO	Mo	B)	
C) Other Special Insp NO	Mo	C)	

10/5/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002710009531000	Asset ID	4562	
(5) Inventory Route (On/Under)	On -	111000953	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected SC 336			
(7) Facility Carried I-95 SB			
(9) Location @ RIDGELAND			
(11) Milepoint		20.732	
(12) Base Highway Network - PART OF NET	Code	1	
(13) LRS Inventory Route & Subroute		001-00095000	
(16) Latitude 32 Degrees 28 Minutes 39.24 Seconds			
(17) Longitude 80 Degrees 58 Minutes 17.19 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - STEEL			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	302	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		3	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1965	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - HIGHWAY, WITH OR WITHOUT	Code	1	
(28) Lanes: On Structure = 2 Under Structure =		2	
(29) Average Daily Traffic		27250	
(30) Year of ADT 2021	(109) Truck ADT	21 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		74 FT	
(49) Structure Length		150 FT	
(50) Curb or Sidewalk: Left .0 FT Right .0 FT			
(51) Bridge Roadway Width Curb to Curb		37.2 FT	
(52) Deck Width Out to Out		40.0 FT	
(32) Approach Roadway Width (W/Shoulders)		37 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 0 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	15 FT	10 IN	
(47) Inventory Route Total Horz Clear		37.2 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - HWY BENEATH	15 FT	3 IN	
(55) Min Lat Underclear Right Ref- HWY BENEATH		13.0 FT	
(56) Min Lat Underclear Left		.0 FT	
NAVIGATION DATA			
(38) Navigation Control - N/A - NO WATERWAY	Code	N	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 90.9			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION			
(112) NBIS Bridge Length -		YES	
(104) Highway System - NHS		1	
(26) Functional System - URBAN-PRIN ART-INT		11	
(100) Strahnet Highway - STRAH HWY		1	
(101) Parallel Structure - LEFT STRUCT		L	
(102) Direction of Traffic - 1-WAY TRAFFIC		1	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - YES		1	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION			
(58) Deck - GOOD		7	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - GOOD		7	
(61) Channel and Channel Protection - N/A		N	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING			
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		60.59	
(66) Inventory Rating - LRFR		46.66	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - EQUAL TO MIN CRITERIA		6	
(68) Deck Geometry		5	
(69) Underclearances, Vertical and Horizontal		5	
(71) Waterway Adequacy		N	
(72) Approach Roadway Alignment		7	
(36) Traffic Safety Features		011N	
(113) Scour Critical Bridges - NOT OVER WATERWAY		N	
PROPOSED IMPROVEMENTS			
(75) Type of Work -		Code	
(76) Length of Structure Improvement		150.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		47688	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 07/2022	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:		(93) CFI Date	
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp NO	Mo	B)	
C) Other Special Insp NO	Mo	C)	

10/5/2022

IDENTIFICATION			
(1) State Name - SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002770002900200	Asset ID	4564	
(5) Inventory Route (On/Under)	On -	171000290	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected I-95			
(7) Facility Carried S-27-29			
(9) Location 0.8 MI SE RIDGELAND			
(11) Milepoint		3.167	
(12) Base Highway Network - NOT PART OF NET	Code	0	
(13) LRS Inventory Route & Subroute			
(16) Latitude 32 Degrees 28 Minutes 10.87 Seconds			
(17) Longitude 80 Degrees 58 Minutes 32.02 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - PRESTRESSED CON			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	502	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		4	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1965	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - HIGHWAY, WITH OR WITHOUT	Code	1	
(28) Lanes: On Structure = 2 Under Structure = 4			
(29) Average Daily Traffic		2300	
(30) Year of ADT 2021	(109) Truck ADT	06 %	
(19) Bypass, Detour Length		2 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		71 FT	
(49) Structure Length		262 FT	
(50) Curb or Sidewalk: Left 4.0 FT Right 4.0 FT			
(51) Bridge Roadway Width Curb to Curb		28 FT	
(52) Deck Width Out to Out		38.6 FT	
(32) Approach Roadway Width (W/Shoulders)		28 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 31 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	17 FT	5 IN	
(47) Inventory Route Total Horz Clear	28.0 FT		
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - HWY BENEATH	16 FT	4 IN	
(55) Min Lat Underclear Right Ref - HWY BENEATH	11.2 FT		
(56) Min Lat Underclear Left	21.4 FT		
NAVIGATION DATA			
(38) Navigation Control - N/A - NO WATERWAY	Code	N	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance	FT		
(116) Vert-Lift Bridge Min Vert Clear	FT		
(40) Navigation Horizontal Clearance	FT		
Sufficiency Rating = 84.8			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION			
(112) NBIS Bridge Length -	Code	YES	
(104) Highway System - NOT NHS		0	
(26) Functional System - URBAN-MAJOR-COLLECTOR		15	
(100) Strahnet Highway - NOT STRAH HWY		0	
(101) Parallel Structure - NONE EXIST		N	
(102) Direction of Traffic - 2-WAY TRAFFIC		2	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - NO		0	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION			
(58) Deck - SATISFACTORY	Code	6	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - SATISFACTORY		6	
(61) Channel and Channel Protection - N/A		N	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING			
(31) Design Load - HS 15		3	
(64) Operating Rating - LRFR		50.54	
(66) Inventory Rating - LRFR		27.22	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - EQUAL TO MIN CRITERIA	Code	6	
(68) Deck Geometry		4	
(69) Underclearances, Vertical and Horizontal		5	
(71) Waterway Adequacy		N	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		0111	
(113) Scour Critical Bridges - NOT OVER WATERWAY		N	
PROPOSED IMPROVEMENTS			
(75) Type of Work -	Code		
(76) Length of Structure Improvement		262.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		3243	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 01/2021	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp NO	Mo	B)	
C) Other Special Insp NO	Mo	C)	

9/29/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002770007700100	Asset ID	4569	
(5) Inventory Route (On/Under)	On -	171000770	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected I-95			
(7) Facility Carried S-27-77			
(9) Location 0.8 MI NE RIDGELAND			
(11) Milepoint 0.687			
(12) Base Highway Network - NOT PART OF NET	Code	0	
(13) LRS Inventory Route & Subroute			
(16) Latitude 32 Degrees 29 Minutes 7.69 Seconds			
(17) Longitude 80 Degrees 58 Minutes 14.11 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - PRESTRESSED CON			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	502	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		4	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1965	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - HIGHWAY, WITH OR WITHOUT	Code	1	
(28) Lanes: On Structure = 2 Under Structure =		4	
(29) Average Daily Traffic		2300	
(30) Year of ADT 2021	(109) Truck ADT	05 %	
(19) Bypass, Detour Length		2 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		65 FT	
(49) Structure Length		236 FT	
(50) Curb or Sidewalk: Left 4.0 FT Right 4.0 FT			
(51) Bridge Roadway Width Curb to Curb		28.1 FT	
(52) Deck Width Out to Out		38.9 FT	
(32) Approach Roadway Width (W/Shoulders)		28 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 19 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	99 FT	99 IN	
(47) Inventory Route Total Horz Clear		28.0 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - HWY BENEATH	16 FT	1 IN	
(55) Min Lat Underclear Right Ref - HWY BENEATH		10.0 FT	
(56) Min Lat Underclear Left		18.8 FT	
NAVIGATION DATA			
(38) Navigation Control - N/A - NO WATERWAY	Code	N	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 68.1			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION			
(112) NBIS Bridge Length -		YES	
(104) Highway System - NOT NHS		0	
(26) Functional System - URBAN-LOCAL		18	
(100) Strahnet Highway - NOT STRAH HWY		0	
(101) Parallel Structure - NONE EXIST		N	
(102) Direction of Traffic - 2-WAY TRAFFIC		2	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - NO		0	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION			
(58) Deck - SATISFACTORY		6	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - FAIR		5	
(61) Channel and Channel Protection - N/A		N	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING			
(31) Design Load - HS 15		3	
(64) Operating Rating - LRFR		45.36	
(66) Inventory Rating - LRFR		24.95	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - BETTER THAN ADEQUACY		5	
(68) Deck Geometry		4	
(69) Underclearances, Vertical and Horizontal		4	
(71) Waterway Adequacy		N	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		0010	
(113) Scour Critical Bridges - NOT OVER WATERWAY		N	
PROPOSED IMPROVEMENTS			
(75) Type of Work -		Code	
(76) Length of Structure Improvement		236.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		2944	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 12/2020	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail	NO	Mo	A)
B) Underwater Insp	NO	Mo	B)
C) Other Special Insp	NO	Mo	C)

9/29/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002710009510900	Asset ID	4823	
(5) Inventory Route (On/Under)	On -	111000951	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected GREAT SWAMP			
(7) Facility Carried I-95 NB			
(9) Location 5MI S OF RIDGELAND			
(11) Milepoint		14.966	
(12) Base Highway Network - PART OF NET	Code	1	
(13) LRS Inventory Route & Subroute		00I-00095000	
(16) Latitude 32 Degrees 24 Minutes 13.88 Seconds			
(17) Longitude 81 Degrees 1 Minutes 1.73 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - CONCRETE			
Type - TEE BEAM	Code	104	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		6	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1966	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - WATERWAY	Code	5	
(28) Lanes: On Structure = 2 Under Structure = 0			
(29) Average Daily Traffic		28600	
(30) Year of ADT 2021	(109) Truck ADT	21 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		30 FT	
(49) Structure Length		180 FT	
(50) Curb or Sidewalk: Left .0 FT Right .0 FT			
(51) Bridge Roadway Width Curb to Curb		37.2 FT	
(52) Deck Width Out to Out		40.5 FT	
(32) Approach Roadway Width (W/Shoulders)		38 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 0 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	99 FT	99 IN	
(47) Inventory Route Total Horz Clear		37.2 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	0 IN	
(55) Min Lat Underclear Right Ref - NOT HWY OR RXR	.0 FT		
(56) Min Lat Underclear Left	.0 FT		
NAVIGATION DATA			
(38) Navigation Control - NONE	Code	0	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 91.0			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION			
(112) NBIS Bridge Length -		YES	
(104) Highway System - NHS		1	
(26) Functional System - RURAL-PRIN ART-INT		1	
(100) Strahnet Highway - STRAH HWY		1	
(101) Parallel Structure - RIGHT STRUCT		R	
(102) Direction of Traffic - 1-WAY TRAFFIC		1	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - YES		1	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION			
(58) Deck - SATISFACTORY		6	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - SATISFACTORY		6	
(61) Channel and Channel Protection - BNK PRT REPAIR		7	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING			
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		36.61	
(66) Inventory Rating - LRFR		28.19	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - EQUAL TO MIN CRITERIA		6	
(68) Deck Geometry		6	
(69) Underclearances, Vertical and Horizontal		N	
(71) Waterway Adequacy		6	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		011N	
(113) Scour Critical Bridges - SCOUR CRIT, UNSTABLE		3	
PROPOSED IMPROVEMENTS			
(75) Type of Work -		Code	
(76) Length of Structure Improvement		180.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		40040	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 07/2022	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:		(93) CFI Date	
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp YES	Mo 60	B)	11/1/2021
C) Other Special Insp NO	Mo	C)	

10/5/2022

IDENTIFICATION																																																																																																																																																																																																																							
(1) State Name- SOUTH CAROLINA	Code	454																																																																																																																																																																																																																					
(8) Structure Number # 0002710009530900	Asset ID	4824																																																																																																																																																																																																																					
(5) Inventory Route (On/Under)	On -	111000953																																																																																																																																																																																																																					
(2) State Highway Department District		6																																																																																																																																																																																																																					
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(43) Structure Type Main: MATERIAL - CONCRETE																																																																																																																																																																																																																							
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(44) Structure Type Main: MATERIAL - OTHER OR N/A																																																																																																																																																																																																																							
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(47) Inventory Route Total Horz Clear		37.2 FT																																																																																																																																																																																																																					
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN																																																																																																																																																																																																																					
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	0 IN																																																																																																																																																																																																																					
(55) Min Lat Underclear Right Ref - NOT HWY OR RXR		.0 FT																																																																																																																																																																																																																					
(56) Min Lat Underclear Left		.0 FT																																																																																																																																																																																																																					
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(39) Navigation Vertical Clearance		FT																																																																																																																																																																																																																					
(116) Vert-Lift Bridge Min Vert Clear		FT																																																																																																																																																																																																																					
(40) Navigation Horizontal Clearance		FT																																																																																																																																																																																																																					
<table border="1"> <thead> <tr> <th colspan="2">Sufficiency Rating</th> <th colspan="2">= 90.0</th> </tr> <tr> <th colspan="2">Functionally Obsolete</th> <th colspan="2">= NO</th> </tr> <tr> <th colspan="2">Structurally Deficient</th> <th colspan="2">= NO</th> </tr> </thead> <tbody> <tr> <th colspan="4">CLASSIFICATION</th> </tr> <tr> <td>(112) NBIS Bridge Length -</td> <td></td> <td>Code</td> <td>YES</td> </tr> <tr> <td>(104) Highway System - NHS</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>(26) Functional System - RURAL-PRIN ART-INT</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>(100) Strahnet Highway - STRAH HWY</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>(101) Parallel Structure - LEFT STRUCT</td> <td></td> <td></td> <td>L</td> </tr> <tr> <td>(102) Direction of Traffic - 1-WAY TRAFFIC</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>(103) Temporary Structure -</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(105) Federal Lands Highways - N/A</td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>(110) Designated National Network - YES</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>(20) Toll - ON FREE ROAD</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>(21) Maintain - SCDOT</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>(22) Owner - SCDOT</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>(37) Historical Significance - NOT ELIGIBLE</td> <td></td> <td></td> <td>5</td> </tr> <tr> <th colspan="4">CONDITION</th> </tr> <tr> <td>(58) Deck - SATISFACTORY</td> <td></td> <td>Code</td> <td>6</td> </tr> <tr> <td>(59) Superstructure - SATISFACTORY</td> <td></td> <td></td> <td>6</td> </tr> <tr> <td>(60) Substructure - SATISFACTORY</td> <td></td> <td></td> <td>6</td> </tr> <tr> <td>(61) Channel and Channel Protection - BNK PRT REPAIR</td> <td></td> <td></td> <td>7</td> </tr> <tr> <td>(62) Culverts - NOT APPLICABLE</td> <td></td> <td></td> <td>N</td> </tr> <tr> <th colspan="4">LOAD RATING AND POSTING</th> </tr> <tr> <td>(31) Design Load - HS 20</td> <td></td> <td>Code</td> <td>5</td> </tr> <tr> <td>(64) Operating Rating - 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SCOUR CRIT, UNSTABLE			3	PROPOSED IMPROVEMENTS				(75) Type of Work -		Code		(76) Length of Structure Improvement			180.0 FT	(94) Bridge Improvement Cost			\$0.00	(95) Roadway Improvement Costs			\$0.00	(96) Total Project Cost			\$0.00	(97) Year of Improvement Cost Estimate			2022	(114) Future AADT			40040	(115) Year of Future AADT			2041	INSPECTIONS				(90) Inspection Date 07/2022	(91) Frequency		24 Mo	(92) Critical Feature Inspection:	(93) CFI Date			A) Fracture Crit Detail NO	Mo	A)		B) Underwater Insp YES	Mo 60	B)	11/1/2021	C) Other Special Insp NO	Mo	C)	
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10/5/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002720001700800	Asset ID	4825	
(5) Inventory Route (On/Under)	On -	121000170	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected I-95			
(7) Facility Carried US 17			
(9) Location 1MI N OF RIDGELAND			
(11) Milepoint		30.158	
(12) Base Highway Network - NOT PART OF NET	Code	0	
(13) LRS Inventory Route & Subroute			
(16) Latitude 32 Degrees 30 Minutes 3.30 Seconds			
(17) Longitude 80 Degrees 58 Minutes 17.69 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - STEEL			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	302	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		4	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1966	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - HIGHWAY, WITH OR WITHOUT	Code	1	
(28) Lanes: On Structure = 2 Under Structure = 4			
(29) Average Daily Traffic		3300	
(30) Year of ADT 2021	(109) Truck ADT	09 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		84 FT	
(49) Structure Length		327 FT	
(50) Curb or Sidewalk: Left .0 FT Right .0 FT			
(51) Bridge Roadway Width Curb to Curb		30 FT	
(52) Deck Width Out to Out		34.2 FT	
(32) Approach Roadway Width (W/Shoulders)		24.6 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 45 Deg (35) Structure Flared NO			
(10) Inventory Route Min Vert Clear 18 FT 0 IN			
(47) Inventory Route Total Horz Clear 30.0 FT			
(53) Min Vert Clear Over Bridge Roadway 99 FT 99 IN			
(54) Min Vert Underclear Ref - HWY BENEATH 17 FT 0 IN			
(55) Min Lat Underclear Right Ref- HWY BENEATH 9.4 FT			
(56) Min Lat Underclear Left 22.8 FT			
NAVIGATION DATA			
(38) Navigation Control - N/A - NO WATERWAY	Code	N	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 76.7			
Functionally Obsolete = YES			
Structurally Deficient = NO			
CLASSIFICATION			
(112) NBIS Bridge Length -		YES	
(104) Highway System - NOT NHS		0	
(26) Functional System - URBAN-MAJOR-COLLECTOR		15	
(100) Strahnet Highway - NOT STRAH HWY		0	
(101) Parallel Structure - NONE EXIST		N	
(102) Direction of Traffic - 1-WAY TRAFFIC		1	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - NO		0	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION			
(58) Deck - SATISFACTORY		6	
(59) Superstructure - GOOD		7	
(60) Substructure - GOOD		7	
(61) Channel and Channel Protection - N/A		N	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING			
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		66.74	
(66) Inventory Rating - LRFR		51.52	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - BETTER THAN MIN CRITERIA		7	
(68) Deck Geometry		2	
(69) Underclearances, Vertical and Horizontal		3	
(71) Waterway Adequacy		N	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		0111	
(113) Scour Critical Bridges - NOT OVER WATERWAY		N	
PROPOSED IMPROVEMENTS			
(75) Type of Work - WIDEN WITH DECK REHAB	Code	341	
(76) Length of Structure Improvement		361.7 FT	
(94) Bridge Improvement Cost		\$407,000.00	
(95) Roadway Improvement Costs		\$102,000.00	
(96) Total Project Cost		\$611,000.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		4653	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 11/2021	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp NO	Mo	B)	
C) Other Special Insp NO	Mo	C)	

10/5/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002770001300100	Asset ID	4826	
(5) Inventory Route (On/Under)	On -	171000130	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected I-95			
(7) Facility Carried S-27-13			
(9) Location 2.5MI SW RIDGELAND			
(11) Milepoint		0.380	
(12) Base Highway Network - NOT PART OF NET	Code	0	
(13) LRS Inventory Route & Subroute			
(16) Latitude 32 Degrees 26 Minutes 46.74 Seconds			
(17) Longitude 80 Degrees 59 Minutes 38.49 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - STEEL			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	302	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		4	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1966	
(106) Year Reconstructed		0	
(42) Type of Service On - OVERPASS STRUCTURE AT AN			
Under - HIGHWAY, WITH OR WITHOUT	Code	1	
(28) Lanes: On Structure = 2 Under Structure = 4			
(29) Average Daily Traffic		850	
(30) Year of ADT 2021	(109) Truck ADT	13 %	
(19) Bypass, Detour Length		5 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		96 FT	
(49) Structure Length		352 FT	
(50) Curb or Sidewalk: Left 1.5 FT Right 1.5 FT			
(51) Bridge Roadway Width Curb to Curb		30 FT	
(52) Deck Width Out to Out		34.2 FT	
(32) Approach Roadway Width (W/Shoulders)		30 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 45 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	17 FT	1 IN	
(47) Inventory Route Total Horz Clear		30.0 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - HWY BENEATH	16 FT	10 IN	
(55) Min Lat Underclear Right Ref - HWY BENEATH		9.2 FT	
(56) Min Lat Underclear Left		18.6 FT	
NAVIGATION DATA			
(38) Navigation Control - N/A - NO WATERWAY	Code	N	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 90.5			
Functionally Obsolete = YES			
Structurally Deficient = NO			
CLASSIFICATION		Code	
(112) NBIS Bridge Length -		YES	
(104) Highway System - NOT NHS		0	
(26) Functional System - URBAN-MAJOR-COLLECTOR		15	
(100) Strahnet Highway - NOT STRAH HWY		0	
(101) Parallel Structure - NONE EXIST		N	
(102) Direction of Traffic - 2-WAY TRAFFIC		2	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - NO		0	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION		Code	
(58) Deck - FAIR		5	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - SATISFACTORY		6	
(61) Channel and Channel Protection - N/A		N	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING		Code	
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		58.32	
(66) Inventory Rating - LRFR		45.04	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL		Code	
(67) Structure Evaluation - EQUAL TO MIN CRITERIA		6	
(68) Deck Geometry		6	
(69) Underclearances, Vertical and Horizontal		3	
(71) Waterway Adequacy		N	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		0111	
(113) Scour Critical Bridges - NOT OVER WATERWAY		N	
PROPOSED IMPROVEMENTS		Code	
(75) Type of Work -			
(76) Length of Structure Improvement		352.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		1199	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 01/2021	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:		(93) CFI Date	
A) Fracture Crit Detail	NO	Mo	A)
B) Underwater Insp	NO	Mo	B)
C) Other Special Insp	NO	Mo	C)

9/28/2022

IDENTIFICATION			
(1) State Name - SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002770021000100	Asset ID	4829	
(5) Inventory Route (On/Under)	On -	171002100	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected I-95			
(7) Facility Carried S-27-210			
(9) Location 4MI SW RIDGELAND			
(11) Milepoint		0.307	
(12) Base Highway Network - NOT PART OF NET	Code	0	
(13) LRS Inventory Route & Subroute			
(16) Latitude 32 Degrees 25 Minutes 34.04 Seconds			
(17) Longitude 81 Degrees 0 Minutes 13.14 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - PRESTRESSED CON			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	502	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		4	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1966	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under -HIGHWAY, WITH OR WITHOUT	Code	1	
(28) Lanes: On Structure = 2 Under Structure = 4			
(29) Average Daily Traffic		125	
(30) Year of ADT 2021	(109) Truck ADT	05 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		65 FT	
(49) Structure Length		236 FT	
(50) Curb or Sidewalk: Left 1.5 FT Right 1.5 FT			
(51) Bridge Roadway Width Curb to Curb		26 FT	
(52) Deck Width Out to Out		30.2 FT	
(32) Approach Roadway Width (W/Shoulders)		22 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 18 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	16 FT	10 IN	
(47) Inventory Route Total Horz Clear		26.0 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - HWY BENEATH	16 FT	7 IN	
(55) Min Lat Underclear Right Ref - HWY BENEATH		7.8 FT	
(56) Min Lat Underclear Left		22.2 FT	
NAVIGATION DATA			
(38) Navigation Control - N/A - NO WATERWAY	Code	N	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 89.1			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION			
(112) NBIS Bridge Length -	Code	YES	
(104) Highway System - NOT NHS		0	
(26) Functional System - RURAL-LOCAL		9	
(100) Strahnet Highway - NOT STRAH HWY		0	
(101) Parallel Structure - NONE EXIST		N	
(102) Direction of Traffic - 2-WAY TRAFFIC		2	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - NO		0	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION			
(58) Deck - SATISFACTORY	Code	6	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - SATISFACTORY		6	
(61) Channel and Channel Protection - N/A		N	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING			
(31) Design Load - HS 15		3	
(64) Operating Rating - LRFR		46.66	
(66) Inventory Rating - LRFR		25.92	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - EQUAL TO MIN CRITERIA	Code	6	
(68) Deck Geometry		5	
(69) Underclearances, Vertical and Horizontal		4	
(71) Waterway Adequacy		N	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		0010	
(113) Scour Critical Bridges - NOT OVER WATERWAY		N	
PROPOSED IMPROVEMENTS			
(75) Type of Work -	Code		
(76) Length of Structure Improvement		236.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		160	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 01/2021	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp NO	Mo	B)	
C) Other Special Insp NO	Mo	C)	

9/28/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002710009510700	Asset ID	5323	
(5) Inventory Route (On/Under)	On -	111000951	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected BAHAMA SWAMP			
(7) Facility Carried I-95 NB			
(9) Location 5MI N OF HARDEEVILLE			
(11) Milepoint		11.267	
(12) Base Highway Network - PART OF NET	Code	1	
(13) LRS Inventory Route & Subroute		001-00095000	
(16) Latitude 32 Degrees 21 Minutes 15.08 Seconds			
(17) Longitude 81 Degrees 2 Minutes 28.16 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - CONCRETE			
Type - TEE BEAM	Code	104	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		3	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1968	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - WATERWAY	Code	5	
(28) Lanes: On Structure = 2	Under Structure =	0	
(29) Average Daily Traffic		28600	
(30) Year of ADT 2021	(109) Truck ADT	21 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		30 FT	
(49) Structure Length		90 FT	
(50) Curb or Sidewalk: Left .0 FT	Right .0 FT		
(51) Bridge Roadway Width Curb to Curb		37.2 FT	
(52) Deck Width Out to Out		40.7 FT	
(32) Approach Roadway Width (W/Shoulders)		37 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 0 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	99 FT	99 IN	
(47) Inventory Route Total Horz Clear		37.2 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	0 IN	
(55) Min Lat Underclear Right Ref - NOT HWY OR RXR	.0 FT		
(56) Min Lat Underclear Left	.0 FT		
NAVIGATION DATA			
(38) Navigation Control - NONE	Code	0	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 90.9			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION			
(112) NBIS Bridge Length -		YES	
(104) Highway System - NHS		1	
(26) Functional System - RURAL-PRIN ART-INT		1	
(100) Strahnet Highway - STRAH HWY		1	
(101) Parallel Structure - RIGHT STRUCT		R	
(102) Direction of Traffic - 1-WAY TRAFFIC		1	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - YES		1	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION			
(58) Deck - FAIR		5	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - FAIR		5	
(61) Channel and Channel Protection - BNK SLUMPING		6	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING			
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		37.58	
(66) Inventory Rating - LRFR		29.16	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - EQUAL TO MIN CRITERIA		6	
(68) Deck Geometry		6	
(69) Underclearances, Vertical and Horizontal		N	
(71) Waterway Adequacy		6	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		011N	
(113) Scour Critical Bridges - FOUND ABOVE WATER ELEV		9	
PROPOSED IMPROVEMENTS			
(75) Type of Work -		Code	
(76) Length of Structure Improvement		90.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		40040	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 07/2022	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:		(93) CFI Date	
A) Fracture Crit Detail	NO	Mo	A)
B) Underwater Insp	YES	Mo 60	B) 11/1/2021
C) Other Special Insp	NO	Mo	C)

9/29/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002710009510800	Asset ID	5324	
(5) Inventory Route (On/Under)	On -	111000951	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected BAGSHAW SWAMP			
(7) Facility Carried I-95 NB			
(9) Location 6.5 MI N OF HARDEEVILLE			
(11) Milepoint		12.977	
(12) Base Highway Network - PART OF NET	Code	1	
(13) LRS Inventory Route & Subroute		001-00095000	
(16) Latitude 32 Degrees 22 Minutes 37.74 Seconds			
(17) Longitude 81 Degrees 1 Minutes 48.23 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - CONCRETE			
Type - TEE BEAM	Code	104	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		4	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1968	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - WATERWAY	Code	5	
(28) Lanes: On Structure = 2 Under Structure = 0			
(29) Average Daily Traffic		28600	
(30) Year of ADT 2021	(109) Truck ADT	21 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		30 FT	
(49) Structure Length		120 FT	
(50) Curb or Sidewalk: Left .0 FT Right .0 FT			
(51) Bridge Roadway Width Curb to Curb		37.2 FT	
(52) Deck Width Out to Out		40.7 FT	
(32) Approach Roadway Width (W/Shoulders)		36 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 0 Deg (35) Structure Flared NO			
(10) Inventory Route Min Vert Clear	99 FT	99 IN	
(47) Inventory Route Total Horz Clear		37.2 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	0 IN	
(55) Min Lat Underclear Right Ref - NOT HWY OR RXR		.0 FT	
(56) Min Lat Underclear Left		.0 FT	
NAVIGATION DATA			
(38) Navigation Control - NONE	Code	0	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 91.9			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION		Code	
(112) NBIS Bridge Length -		YES	
(104) Highway System - NHS		1	
(26) Functional System - RURAL-PRIN ART-INT		1	
(100) Strahnet Highway - STRAH HWY		1	
(101) Parallel Structure - RIGHT STRUCT		R	
(102) Direction of Traffic - 1-WAY TRAFFIC		1	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - YES		1	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION		Code	
(58) Deck - SATISFACTORY		6	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - SATISFACTORY		6	
(61) Channel and Channel Protection - BNK SLUMPING		6	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING		Code	
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		37.58	
(66) Inventory Rating - LRFR		29.16	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL		Code	
(67) Structure Evaluation - EQUAL TO MIN CRITERIA		6	
(68) Deck Geometry		6	
(69) Underclearances, Vertical and Horizontal		N	
(71) Waterway Adequacy		6	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		111N	
(113) Scour Critical Bridges - FOUND ABOVE WATER ELEV		9	
PROPOSED IMPROVEMENTS		Code	
(75) Type of Work -			
(76) Length of Structure Improvement		120.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		40040	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 07/2022	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp NO	Mo	B)	
C) Other Special Insp NO	Mo	C)	

9/29/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002710009530700	Asset ID	5326	
(5) Inventory Route (On/Under)	On -	111000953	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected BAHAMA SWAMP			
(7) Facility Carried I-95 SB			
(9) Location 5MI N OF HARDEEVILLE			
(11) Milepoint		11.245	
(12) Base Highway Network - PART OF NET	Code	1	
(13) LRS Inventory Route & Subroute		00I-00095000	
(16) Latitude 32 Degrees 21 Minutes 15.60 Seconds			
(17) Longitude 81 Degrees 2 Minutes 29.74 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - CONCRETE			
Type - TEE BEAM	Code	104	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		3	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1968	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - WATERWAY	Code	5	
(28) Lanes: On Structure = 2	Under Structure =	0	
(29) Average Daily Traffic		28600	
(30) Year of ADT 2021	(109) Truck ADT	21 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		30 FT	
(49) Structure Length		90 FT	
(50) Curb or Sidewalk: Left .0 FT Right .0 FT			
(51) Bridge Roadway Width Curb to Curb		37.2 FT	
(52) Deck Width Out to Out		40.7 FT	
(32) Approach Roadway Width (W/Shoulders)		37 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 0 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	99 FT	99 IN	
(47) Inventory Route Total Horz Clear		37.2 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	0 IN	
(55) Min Lat Underclear Right Ref - NOT HWY OR RXR	.0 FT		
(56) Min Lat Underclear Left	.0 FT		
NAVIGATION DATA			
(38) Navigation Control - NONE	Code	0	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 91.3			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION			
(112) NBIS Bridge Length -		YES	
(104) Highway System - NHS		1	
(26) Functional System - RURAL-PRIN ART-INT		1	
(100) Strahnet Highway - STRAH HWY		1	
(101) Parallel Structure - LEFT STRUCT		L	
(102) Direction of Traffic - 1-WAY TRAFFIC		1	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - YES		1	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION			
(58) Deck - SATISFACTORY		6	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - GOOD		7	
(61) Channel and Channel Protection - BNK PRT REPAIR		7	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING			
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		36.94	
(66) Inventory Rating - LRFR		28.51	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - EQUAL TO MIN CRITERIA		6	
(68) Deck Geometry		6	
(69) Underclearances, Vertical and Horizontal		N	
(71) Waterway Adequacy		6	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		011N	
(113) Scour Critical Bridges - FOUND ABOVE WATER ELEV		9	
PROPOSED IMPROVEMENTS			
(75) Type of Work -		Code	
(76) Length of Structure Improvement		90.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		40040	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 07/2022	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp YES	Mo 60	B)	11/1/2021
C) Other Special Insp NO	Mo	C)	

9/29/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002710009530800	Asset ID	5327	
(5) Inventory Route (On/Under)	On -	111000953	
(2) State Highway Department District		6	
(3) County Code 53	(4) Place Code		
(6) Features Intersected BAGSHAW SWAMP			
(7) Facility Carried I-95 SB			
(9) Location 6.5MI N OF HARDEEVILLE			
(11) Milepoint		12.956	
(12) Base Highway Network - PART OF NET	Code	1	
(13) LRS Inventory Route & Subroute		00I-00095000	
(16) Latitude 32 Degrees 22 Minutes 38.30 Seconds			
(17) Longitude 81 Degrees 1 Minutes 49.78 Seconds			
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - CONCRETE			
Type - TEE BEAM	Code	104	
(44) Structure Type Main: MATERIAL - OTHER OR N/A			
Type - OTHER OR N/A	Code	000	
(45) Number of Spans in Main Unit		4	
(46) Number of Approach Spans		0	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - NONE	Code	0	
C) Type of Deck Protection - NONE	Code	0	
AGE AND SERVICE			
(27) Year Built		1968	
(106) Year Reconstructed		0	
(42) Type of Service On - HIGHWAY			
Under - WATERWAY	Code	5	
(28) Lanes: On Structure = 2 Under Structure = 0			
(29) Average Daily Traffic		28600	
(30) Year of ADT 2021	(109) Truck ADT	21 %	
(19) Bypass, Detour Length		1 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		30 FT	
(49) Structure Length		120 FT	
(50) Curb or Sidewalk: Left .0 FT Right .0 FT			
(51) Bridge Roadway Width Curb to Curb		37.2 FT	
(52) Deck Width Out to Out		40.7 FT	
(32) Approach Roadway Width (W/Shoulders)		37 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 0 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	99 FT	99 IN	
(47) Inventory Route Total Horz Clear		37.2 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	0 IN	
(55) Min Lat Underclear Right Ref - NOT HWY OR RXR	.0 FT		
(56) Min Lat Underclear Left	.0 FT		
NAVIGATION DATA			
(38) Navigation Control - NONE	Code	0	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
Sufficiency Rating = 79.9			
Functionally Obsolete = NO			
Structurally Deficient = NO			
CLASSIFICATION		Code	
(112) NBIS Bridge Length -		YES	
(104) Highway System - NHS		1	
(26) Functional System - RURAL-PRIN ART-INT		1	
(100) Strahnet Highway - STRAH HWY		1	
(101) Parallel Structure - LEFT STRUCT		L	
(102) Direction of Traffic - 1-WAY TRAFFIC		1	
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A		0	
(110) Designated National Network - YES		1	
(20) Toll - ON FREE ROAD		3	
(21) Maintain - SCDOT		1	
(22) Owner - SCDOT		1	
(37) Historical Significance - NOT ELIGIBLE		5	
CONDITION		Code	
(58) Deck - SATISFACTORY		6	
(59) Superstructure - SATISFACTORY		6	
(60) Substructure - FAIR		5	
(61) Channel and Channel Protection - BNK PRT REPAIR		7	
(62) Culverts - NOT APPLICABLE		N	
LOAD RATING AND POSTING		Code	
(31) Design Load - HS 20		5	
(64) Operating Rating - LRFR		36.94	
(66) Inventory Rating - LRFR		28.51	
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
(41) Structure Open, Posted or Closed -		A	
Description - OPEN, NO RESTRICT			
APPRAISAL		Code	
(67) Structure Evaluation - BETTER THAN ADEQUACY		5	
(68) Deck Geometry		6	
(69) Underclearances, Vertical and Horizontal		N	
(71) Waterway Adequacy		6	
(72) Approach Roadway Alignment		8	
(36) Traffic Safety Features		011N	
(113) Scour Critical Bridges - FOUND ABOVE WATER ELEV		9	
PROPOSED IMPROVEMENTS		Code	
(75) Type of Work -			
(76) Length of Structure Improvement		120.0 FT	
(94) Bridge Improvement Cost		\$0.00	
(95) Roadway Improvement Costs		\$0.00	
(96) Total Project Cost		\$0.00	
(97) Year of Improvement Cost Estimate		2022	
(114) Future AADT		40040	
(115) Year of Future AADT		2041	
INSPECTIONS			
(90) Inspection Date 07/2022	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail NO	Mo	A)	
B) Underwater Insp NO	Mo	B)	
C) Other Special Insp NO	Mo	C)	

9/29/2022

IDENTIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454	
(8) Structure Number # 0002710009500191	Asset ID	10289	
(5) Inventory Route (On/Under)	On -	00	
(2) State Highway Department District		6	
(3) County Code	(4) Place Code		
(6) Features Intersected	I-95		
(7) Facility Carried	PEDESTRIAN		
(9) Location	4 MI SOUTH OF RIDGELAND		
(11) Milepoint			
(12) Base Highway Network - NOT PART OF NET	Code	0	
(13) LRS Inventory Route & Subroute			
(16) Latitude	32 Degrees	27 Minutes	33.44 Seconds
(17) Longitude	80 Degrees	58 Minutes	59.43 Seconds
(98) Border Bridge State Code	% SHARE	%	
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL - STEEL CONT			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	402	
(44) Structure Type Main: MATERIAL - STEEL			
Type - STRINGER/MULTI-BEAM OR GIRD	Code	302	
(45) Number of Spans in Main Unit		2	
(46) Number of Approach Spans		18	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1	
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code	1	
B) Type of Membrane - UNKNOWN	Code	8	
C) Type of Deck Protection - UNKNOWN	Code	8	
AGE AND SERVICE			
(27) Year Built		1994	
(106) Year Reconstructed			
(42) Type of Service On - PEDESTRIAN-BICYCLE			
Under - HIGHWAY, WITH OR WITHOUT	Code	1	
(28) Lanes: On Structure = 0	Under Structure =	4	
(29) Average Daily Traffic			
(30) Year of ADT	(109) Truck ADT	%	
(19) Bypass, Detour Length		99 MI	
GEOMETRIC DATA			
(48) Length of Maximum Span		80 FT	
(49) Structure Length		736 FT	
(50) Curb or Sidewalk: Left .0 FT	Right .0 FT		
(51) Bridge Roadway Width Curb to Curb		8 FT	
(52) Deck Width Out to Out		9.5 FT	
(32) Approach Roadway Width (W/Shoulders)		0 FT	
(33) Bridge Median - NONE	Code	0	
(34) Skew 0 Deg	(35) Structure Flared	NO	
(10) Inventory Route Min Vert Clear	99 FT	99 IN	
(47) Inventory Route Total Horz Clear		8.0 FT	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54) Min Vert Underclear Ref - HWY BENEATH	18 FT	8 IN	
(55) Min Lat Underclear Right Ref - HWY BENEATH		62.0 FT	
(56) Min Lat Underclear Left		61.0 FT	
NAVIGATION DATA			
(38) Navigation Control - N/A - NO WATERWAY	Code	N	
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance		FT	
(116) Vert-Lift Bridge Min Vert Clear		FT	
(40) Navigation Horizontal Clearance		FT	
CLASSIFICATION			
(112) NBIS Bridge Length -			Code YES
(104) Highway System -			
(26) Functional System -			
(100) Strahnet Highway -			
(101) Parallel Structure - NONE EXIST			N
(102) Direction of Traffic -			
(103) Temporary Structure -			
(105) Federal Lands Highways - N/A			0
(110) Designated National Network -			
(20) Toll - ON FREE ROAD			3
(21) Maintain - SCDOT			1
(22) Owner - SCDOT			1
(37) Historical Significance - NOT DETERMINABLE			4
CONDITION			
(58) Deck - NOT APPLICABLE			N
(59) Superstructure - NOT APPLICABLE			N
(60) Substructure - NOT APPLICABLE			N
(61) Channel and Channel Protection - N/A			N
(62) Culverts - NOT APPLICABLE			N
LOAD RATING AND POSTING			
(31) Design Load - PED			7
(64) Operating Rating - NO RATING ONLY PERF			0
(66) Inventory Rating - NO RATING ONLY PERF			0
(70) Bridge Posting - > 39.9% BELOW			0
(41) Structure Open, Posted or Closed -			A
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation -			
(68) Deck Geometry			
(69) Underclearances, Vertical and Horizontal			9
(71) Waterway Adequacy			N
(72) Approach Roadway Alignment			N
(36) Traffic Safety Features			ONNN
(113) Scour Critical Bridges - NOT OVER WATERWAY			N
PROPOSED IMPROVEMENTS			
(75) Type of Work -			Code
(76) Length of Structure Improvement			FT
(94) Bridge Improvement Cost			
(95) Roadway Improvement Costs			
(96) Total Project Cost			
(97) Year of Improvement Cost Estimate			2022
(114) Future AADT			
(115) Year of Future AADT			
INSPECTIONS			
(90) Inspection Date 12/2021	(91) Frequency	24 Mo	
(92) Critical Feature Inspection:			(93) CFI Date
A) Fracture Crit Detail	NO	Mo	A)
B) Underwater Insp	NO	Mo	B)
C) Other Special Insp	NO	Mo	C)

10/5/2022

C. METHOD OF PROCUREMENT:

This is a qualifications-based selection and the contract will be competitively negotiated. The most qualified of the responsible and responsive consultant firms will be selected for negotiations. This qualification-based selection is based on the Brooks Act (40 U.S.C. 11) and 23 CFR 172.

D. SUBMITTAL FORMAT:

All responding firms must utilize ProjectWise, SCDOT's electronic proposal submission process. Submitted proposal documents that are uploaded into ProjectWise **shall** be named with the following format: **S-XXX-XX RespondingFirmName.pdf**. Submitted proposal documents that are REDACTED shall be uploaded into ProjectWise under following format: **S-XXX-XX RespondingFirmName-REDACTED.pdf**.

Please contact Matthew Boozer at BoozerML@scdot.org or Zachary Follmer at FollmerZD@scdot.org to set up an account to begin utilizing the electronic submittal process. Consultants are REQUIRED to upload their submittals online through ProjectWise. Only one completed submittal per team will be accepted and shall be uploaded by the lead consulting firm. Please be advised of the time required to set up new account. All requests for new accounts must be received 72 hours prior to the proposal deadline indicated in the milestone schedule.

Information regarding ProjectWise can be found at:

http://www.scdot.org/doing/constructionLetting_ProjectWise.aspx

In the event that a consultant is unable to submit its RFP response through ProjectWise, consultant shall contact the CO to request authorization to submit the RFP response in another format. RFP responses which do not have prior SCDOT authorization to deviate from the ProjectWise format may be considered non-responsive.

All questions regarding the scope of work in the RFP must be submitted by e-mail to the CO or as directed in the RFP. Questions shall be received a minimum of five (5) business days prior to the date and time that the proposal is due unless otherwise stated in RFP. No further questions shall be accepted after that time specified. SCDOT will strive to place all questions and their answers as an addendum to the RFP on the SCDOT website. The names of the consultant/vendors submitting questions will not be disclosed. Proposers will be required to submit an acknowledgement of addendum receipt with their RFP submittal. Oral explanations or instructions and email exchanges with the CO are non-binding and do not become part of the contract or RFP.

RFP formatting requirements: The response shall contain no more than thirty (30) double spaced pages with normal one (1) inch margins, typed on one side only, excluding appendices. Minimum font size shall be 12-point, and the response document page size shall be standard 8.5 inches x 11 inches. The organizational chart may be on a larger paper size up to 11 inches x 17 inches. Tables may be single spaced with a minimum font size of 10-point. Charts, tables, and schedules used to explain or expand on the RFP narrative are to be included within the thirty (30) pages and shall not be inserted into the appendices. Photo captions and other text that are not part of the narrative paragraphs and tables do not have font limitations. No additional information shall be accepted, including links to external websites, video clips, simulations/visualization embedded within the thirty (30) page narrative. If the response does not conform to these requirements, the proposal may be negatively scored.

The RFP response must be submitted by the date and time listed in this RFP.

Responses also must address each of the following proposal content requirements in the same order as listed below. If a consultant does not submit responses to these items, their submittal may be considered non-responsive and returned without further review/evaluation. Consultants are advised that SCDOT reserves the right to conduct an independent investigation of any information, including prior experiences, identified in the responses. Consultants are responsible for effecting delivery by the deadline date and time; late submissions will be rejected without opening. SCDOT accepts no responsibility for misdirected or lost proposals. Responses shall be explained and identified within the thirty (30) pages.

E. PROPOSAL CONTENT:

1. Letter of Interest:
 - a. The letter of interest does not count toward the thirty (30) pages of the body of the submitted proposal.
 - b. The Letter of Interest should be no longer than two (2) page and shall contain the following items:
 - i. An expression of the Prime Consultant's interest in being selected for the project.
 - ii. A statement confirming the commitment of key personnel identified in the submittal to the extent necessary to meet SCDOT's quality and schedule expectations.
 - iii. Provide the email address and the legal name (first, middle and last, (including maiden name, if appropriate)) of the Prime Consultant Principal, Officer of the Firm or Project Manager responsible for this contract with the authority to sign the contract for consultant.
 - iv. A summary of key points regarding the Prime Consultant's qualifications.
 - v. Provide a statement confirming the commitment of Key Individuals, identified in the submittal, are capable to the extent necessary to meet SCDOT's quality and schedule expectations, and that they are available for the duration of the Project.
 - vi. Signing the letter of interest constitutes authorization of consultant to submit qualification for the purpose of negotiating and entering a contract with SCDOT.
 - vii. Certification of authorized submitter that information contained within is correct by including: "I certify that the information included within this document, is to the best of my knowledge, correct as of the date indicated".
2. Project Organization Chart: - The organizational chart is not included as part of the thirty (30) pages. Limited to one (1) side of one sheet of paper. The organizational chart may be on a larger paper size up to 11 inches x 17 inches. This chart must include the legal names (first, middle, maiden if applicable, and last) of the key individuals selected for this project, their roles and the names of the consultant by which they are employed, the lines of communication and functional structure. It must also include the levels of management and reporting relationships for the key Individuals, along with their major functions to be performed in management and design. It shall also indicate the individuals who will be points of contact with the SCDOT Project Manager. The organizational chart must clearly display any DBE firm(s) that will be utilized to meet the contract goal.
3. Qualifications for key individuals that are considered critical to the success of the project. Qualifications should include information on experience related to similar projects and previous project work.
4. Legal names (first, middle and last, (including maiden name, if appropriate)) for all individuals identified in the proposal. Note: if the legal name is included on the organizational chart that will fulfill the legal name requirement.
5. A direct response to each of the selection criteria identified in section F.
6. The consultant must provide a chart indicating the present workload of all key personnel to include all active projects (concurrent projects with other entities such as cities, other state agencies, counties, COGs MPOs, private sector) and their percentage availability for this project.
7. Prior to contract execution, all consultant firms, key Individuals and all other individuals that are considered critical to the success of the project, shall hold or obtain licenses required for performing work on the Project under state and local laws. Any design reports, plans, and design calculations shall be signed and sealed by an unrestricted Professional Engineer registered in the State of South Carolina.
8. All proposals must clearly list the percentage of work for prime consultant and sub-consultant(s) that will be performing work as part of the project. Failure to include this information in the proposal may result in the proposal being considered nonresponsive and the proposal will be rejected.
9. Appendices:

Consultant and Key Individual Questionnaire

For each Consultant firm and Key individual provide the following answers pertaining to quality of past performance:

- Have any project been litigated or mediated due to design errors or deficiencies?
- Have any projects under contract with the Consultant been subject to remediation actions due to design, stop work orders due to design, or project delays in excess of 30 days as a result of design error?
- Has an owner or Contractor pursued compensation from any consultant firm listed or any Key Individual due to errors and omissions?
- Are any of the Key Individuals or Consultant firms under investigation, suspension or debarment for design errors?

Please indicate if the prime consultant has previously worked with the proposed sub-consultant and give a brief example of the previous relationship(s).

A current Standard Form 330 (SF 330) must be on file with the SCDOT Professional Services Contracting Office. All parts of the SF 330 must be completed in its entirety for the key individuals and all other individuals that are considered critical to the success of the project for the team to include the prime consultant, any sub-consultants and any sub-contractors. If current SF 330 is on file with the SCDOT Professional Services Contracting Office then it is not required to submit form for this advertisement; however all sub-consultants and sub-contractors must also be on file if they are deemed key or critical. If a current SF 330 is not on file the form must be included with consultant's Statement of Qualifications (SOQ). SF 330 can be updated at any time with the Professional Services Contracting Office. The SF 330s will not count against the maximum page limit and can be included in the appendices.

- a. Provide a list of References who have personal knowledge of the prime consultant's and the sub-consultant's previous performance. Provide three (3) client references each for both the prime and the sub-consultant(s). The references must be submitted in report form in the format listed below (Example: Excel Columns A through F): **Please do not use acronyms.**

A	B	C	D	E	F
Email	First Name	Last Name	Company Name	Project Name	Firm

- b. Provide a list of References who have personal knowledge of each Key Individual's previous performance. Provide three (3) client references for each Key Individual. The references must be submitted in report form in the format listed below (Example: Excel Columns A through G): **Please do not use acronyms.**

A	B	C	D	E	F	G
Email	First Name	Last Name	Key Individual Name	Project Name	Role of Key Individual	Firm

- c. Size and description of the submitting prime consulting firm. Identify the needed resources specific to this project and how those resources will be secured for the project.
- d. No additional appendices, information or sections to the appendices will be accepted.

F. SELECTION CRITERIA AND EVALUATION PROCESS:

A selection committee comprised of subject matter experts will be established by SCDOT to review the RFP responses and score the firms based on the technical criteria provided in the RFP. The selection committee will receive copies of each responsive RFP response submitted and will review and draft preliminary scores based on the technical selection criteria. The selection committee will then meet to

discuss the RFPs and determine if interviews are necessary. If interviews will not be conducted, members finalize their individual scores and submit them to the Contract Officer (CO). If the selection committee determines interviews are necessary prior to selection, a minimum of three (3) consultants will be short-listed based on the preliminary scoring and invited to participate in interviews. The selection committee will develop the format for the interviews which will be used to refine and fill in gaps from their preliminary scoring. Upon conclusion of the interviews, the committee will reconvene to discuss the interviews, finalize their individual scores and enter them into the digital score sheet.

Once the Selection Committee's scores have been entered into the digital score sheet, the Chief of Professional Services, or designee, will enter the Weighted Workload Score into the digital score sheet to arrive at the final score for the proposal. The CO will compile the final scores, rank the consultant firms, and send the three (3) highest ranked consultant firms to the Chief Procurement Officer (CPO) with a recommendation to begin contract negotiations with the highest ranked consultant firm. The CPO may approve entering into contract negotiations with the top ranked consultant firm, or reject the selection altogether (in which case the project may be re-solicited). If negotiations fail with any of the offerors, SCDOT may terminate the negotiation and commence negotiation with the next highest ranked offeror that is not already in negotiations.

Consultants are advised that the SCDOT may use all information provided by the consultant and information obtained from other sources in the assessment of past performance and quality of past performance, including SCDOT Consultant Performance Evaluation (CPE) Scores. Past performance information on contracts not listed by the consultant, or that of named subcontractors, may also be evaluated. SCDOT may contact references other than those identified by the consultant and information received may be used in the evaluation of the consultant's past performance. While SCDOT may elect to consider information obtained from other sources, the burden of providing current, accurate, and complete past performance information rests with the consultant. The criteria with relative point value shown below will be the basis for the submitted proposal evaluation and score.

Technical Criteria 1	20%	Project understanding and Design Approach Demonstrate the consultant's understanding of this project and describe the best design approach specific to the following key areas: 1. Project Management & coordination both internally and externally to the proposed team. 2. Permitting and Environmental Services. 3. Design Services and Plan Development including quality control.
Technical Criteria 2	20%	1. Demonstrate the team's ability to adhere to the project schedule. Describe your approach to schedule management and schedule recovery during preliminary engineering. 2. Identification and management of project risks. 3. Methods for incorporating constructability and limiting ambiguity in construction contract documents.
Technical Criteria 3	15%	1. Demonstrate that the project team has the personnel and experience to provide the full range of services necessary for optimal project success. 2. Demonstrate the ability to be responsive and to collaborate with SCDOT.
Technical Criteria 4	25%	Detail the specific experience of the proposed project manager and design leads/key individuals in managing large scale Corridor/interstate and Interchange Improvement projects.
Technical Criteria 5	10%	Past performance and quality of past performance of the firm/team Key Individuals on similar type projects according to consultant performance evaluations and references.
Technical Criteria 6	5%	Familiarity of the firm/team with state transportation agency practices and procedures.
Total Technical Criteria	95%	

* Note: An asterisk will be used to point out when special experience is essential within any of the above evaluation criterion. To address this, the consultant will need to provide specific projects to demonstrate this experience to include the client's name, telephone number and email address, along with the specific role of the consultant's team member.

Workload Criteria	5%	"Workload" is defined as the dollar amount of active executed agreements (basic, contract modifications, work orders, task orders, and small purchase) between a consultant and SCDOT, minus the amounts already invoiced. It will also include those amounts under negotiation, exclusive of those that are suspended.
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G. FINAL SELECTION AND NOTIFICATION:

The CO will compile the finalized scores, rank the firms, and send the three (3) highest ranked firms to the CPO with a recommendation to begin contract negotiations with the highest ranked firm. The CPO may approve entering into contract negotiations with the top ranked firm, or reject the selection altogether (in which case the project may be re-solicited).

The intent is to enter into a contract with the top firm pending successful negotiations. All awards will be posted on the SCDOT website.

H. TIE BREAKER:

Final evaluation scores are determined from the average of the voting selection committee member's scores. Final scores will be extended to the hundredth (2 decimal points) to determine the higher ranked firm. In the event of a tie, final scores will be determined based on the value of contracts awarded in the category of work solicited during the previous 24-month period. The firm with the lowest dollar value of actual projects/tasks awarded during the period will be deemed the higher ranking firm of the tie.

I. INSTRUCTIONS TO CONSULTANTS:

ADDITIONAL INFORMATION: SCDOT reserves the right to request or obtain additional information about any and all responses to the RFP.

AMENDMENT: Any amendment will be posted at the SCDOT website. The RFP may be amended at any time prior to the RFP response submittal date. All actual or prospective consultants should monitor the SCDOT website for issuance of amendments. Consultants shall acknowledge receipt of any amendment to this RFP (1) by signing and returning the amendment, (2) by letter; or (3) by submitting a RFP response that indicates in some way that the consultant received the amendment. If this RFP is amended, all terms and conditions which are not modified remain unchanged. It is the consultant's responsibility to check the website regularly for updates and modifications.

AUDITS: Prior to contract award, an audit may be conducted by SCDOT of the selected consultant. This audit will be for the purpose of ensuring the selected firm is financially capable of performing the contract, the cost information and prices quoted are reasonable and the selected consultant has adequate accounting practices to ensure accurate tracking of contract costs.

AUTHORIZATION TO BEGIN WORK: No work shall commence until after contract execution and issuance of a Notice to Proceed (NTP). Violations of NTP may result in non-payment of work performed, termination of an impending contract, or loss of federal funds, if applicable. Consultant billing shall not date prior to contract and/or modification of execution date.

AWARD: Contract award will occur after successful negotiations with the selected firm are reached. All selected firms and awards will be posted on SCDOT website. Award will be made to the top ranked firm that has successfully negotiated a contract.

CEI CONFLICT: No member of the consulting firm, its subsidiaries and/or affiliates, shall be selected for CEI services on a design build project if they are part of the design build team. If a sub-consultant is on the design build team, the CEI consultant candidate shall request approval from SCDOT to replace the conflicting sub-consultant prior to CEI contracting in accordance with the **KEY INDIVIDUAL, STAFF AND TEAM CHANGES AFTER AWARD OF DESIGN BUILD CONTRACT.**

CERTIFICATION FORMS: Submission forms located in 'Appendix A' of this document must be completed, signed, and notarized and submitted with the RFP response for the Prime and each Sub-consultant(s) or Sub-contractor(s). Failure to submit these forms may result in the RFP response being deemed nonresponsive.

CLARIFICATIONS: SCDOT, at its sole discretion, shall have the right to seek clarifications from any consultant to fully understand information contained in their responses to the RFP.

COMMUNICATION: Effective the date of the advertisement of this contract, no further contact is allowed with any SCDOT personnel concerning this project except for questions of an administrative or contractual nature that shall be submitted in writing to the attention of the CO. This restriction is in effect until the selection has been announced. The employees of the proposing consultant may not contact any SCDOT staff including members of the Selection Committee, other than the CO to obtain information on the RFP. Such contact may result in disqualification. This includes any contact with any other state Department of Transportation.

CONFLICT OF INTEREST: By submitting a proposal, proposer agrees that, if an organizational conflict of interest (real or apparent) is discovered after the proposal is submitted, the proposer must make an immediate and full disclosure to SCDOT that includes a description of the action that the proposer has taken or proposes to take to avoid or mitigate such conflict. At SCDOT's discretion, SCDOT may reject the proposal as non-responsive due to the conflict of interest notwithstanding proposer's mitigation efforts. SCDOT considers it a conflict of interest for a consultant to represent more than one party in relation to any given project regardless of which phases of the service are involved. If proposer fails to disclose a conflict of interest, SCDOT may reject the proposal as non-responsive. If after award of the contract an organizational conflict of interest is determined to exist, SCDOT may, at its discretion, cancel the contract. If the proposer was aware of an organizational conflict of interest prior to the award of the contract and did not disclose the conflict to SCDOT, then SCDOT may terminate the contract for default. Consultant must complete and submit a **DISCLOSURE OF POTENTIAL CONFLICT OF INTEREST CERTIFICATION** certifying it does not have any financial or other interest in the outcome of the project, that it has no agreement, enforceable promise, or guarantee with any individual or company to provide any work on the project, that it does not have any association or professional or business relationships with anyone who has a financial interest in the outcome of the project, nor does anyone with a financial interest in the outcome of the project, exercise any control over the consultant's pay, employment, bonuses, or other area subject to external influence.

CONFLICT OF INTEREST (NEPA): In accordance with 40 C.F.R. §1506.5(b)(4) (Sept. 14, 2020), contractors or applicants preparing environmental assessments or environmental impact statements shall submit a disclosure statement to the lead agency that specifies any financial or other interest in the outcome of the action. Such statement need not include privileged or confidential trade secrets or other confidential business information.

SCDOT's Procurement Manual: 9.7 NEPA Conflict of Interest A. Conflicts of Interest for Engineering and Design Related Services: In accordance with the FHWA Procurement, Management, and Administration of Engineering and Design Related Services - Questions and Answers VIII guidance: A contract may be awarded for final design services to a consulting engineering firm, prime or sub-consultant, which provided services during the environmental review and preliminary design engineering phase of the project provided a NEPA decision document has been issued or if the NEPA process is still underway, appropriate provisions are included in the solicitation and contract to indicate that the contracting agency is not obligated to proceed with final design for any alternative, that all reasonable alternatives will be evaluated and given appropriate consideration, and that the firm may not proceed with final design until the relevant NEPA decision documents have been issued.

CONFLICT OF INTEREST (SCDOT COMMISSION): Section 23 of Act 40 of 2017 [now codified as S. C. Code Section 57-1-350(G)] prohibits a member of the SCDOT Commission serving on July 1, 2017 (the effective date of the Act) or thereafter, from having an interest, direct or indirect, in any contract awarded by the department during the member's term of appointment and for one year after the termination of the appointment. Therefore, any proposal or bid submitted to SCDOT in violation of this law will be disqualified.

COST RATE: Consultants and sub-consultants must have an SCDOT approved indirect cost rate prior to contract execution. Please refer to the following link for additional information:

<http://www.scdot.org/business/ae-consultants.aspx>

CURRENT AND FORMER SCDOT EMPLOYEES: To avoid the appearance of any real or perceived favoritism, unfair advantage, undue influence, or conflict of interest, a proposal will be disqualified that names, identifies, or includes in any way a current or former SCDOT employee serving in a management level position within 365 days of the submittal. No communication or appearance shall be made by such current or former employee with SCDOT on such proposal, or the proposal will be disqualified. In addition no current or former employee, who served in a management level position or above, may work on or invoice for services performed on a project within 365 days after their last day of employment with SCDOT. For the purposes of this bright line rule, "management level position" is defined as any SCDOT Pay Band 7 and above position, which includes, but is not limited to, Directors, Assistant Directors, District Engineering Administrators, District-level Engineers, Program Managers, Assistant Program Managers and Resident-level Engineers.

DBE GOAL: The contract for this Project contains a DBE participation goal as set forth on Page 1 of this RFP. The Consultant shall comply with the requirements of the specifications titled, DISADVANTAGED BUSINESS ENTERPRISE (DBE) – SUPPLEMENTAL SPECIFICATION found on SCDOT's website at the following link:

http://info2.scdot.org/SCDOTProfessionalServ/SitePages/constructionLetting_Services.aspx.

For the purposes of applying these Specifications, the term Contractor is synonymous with Consultant. The Selected Consultant shall submit a DBE committal sheet after completion of contract negotiations and prior to contract execution. Failure to provide the committal sheet within the allotted time frame may result in the consultant being considered non-responsive and ineligible for contract execution.

DBE QUALIFICATION: To qualify as a DBE on this project, the firm must be listed as approved for the type of work to be performed in the South Carolina Unified DBE Directory at the time of the RFP submittal. Consultants shall comply with Title VI of the Civil Rights Act of 1964. The SCDOT strongly encourages the use of and involvement of Disadvantaged Business Enterprises (DBE) on this project. The directory can be found at the following link:

<http://www.scdot.org/business/bus-development-dbe-sbe-cert.aspx>

DBE REPORTING REQUIREMENTS: All executed contracts are subject to the provisions of the SCDOT DBE Program and 49 CFR Part 26. SCDOT is utilizing the DBE Quarterly Reports and DBE Status Spreadsheet as tracking tools. The DBE Quarterly Report reflects quarterly and total payments to date for all DBE firms. A separate DBE Quarterly Report must be submitted for each DBE firm for every active contract even if no payments were made to DBEs during the specified reporting period. The DBE Status Spreadsheet reflects a summary of payments to all committed and non-committed DBE firms working on the project, and must be submitted along with the DBE Quarterly Reports.

DBE UTILIZATION PLAN: A plan for use of DBE firms on the advertised project. The plan should be specific to the project and should include the firms to be used and the type of work each will perform. An estimated percentage of work for each firm should be indicated.

DEBARMENT CERTIFICATION: Federal regulations require certification by prospective consultants as to current history regarding debarment, eligibility, indictments, convictions, or civil judgments. Consultant is required to submit the Debarment certification with its RFP response. Any individual, business, organization, corporation, consortium, partnership, joint venture, or any other entity including sub-consultants currently debarred or suspended by the federal government are ineligible to participate in Federal – funded project. Any prospective consultant knowingly allowing any person disqualified, debarred or suspended pursuant to S.C. Reg. 63-306 or by any other state governmental or regulatory agency to serve as a subconsultant or supplier or to play any other role under any contract with the SCDOT without

prior written authorization from the SCDOT may be disqualified. Certifications of primary consultants and lower tier entities regarding debarment, suspension, and other responsibility matters are included in the Appendix to this RFP.

DEBRIEFING: If a non-selected consultant would like to schedule a debriefing, consultant will have three (3) working days from the date of notification of non-selection. Only written requests (emails are acceptable) for a debriefing will be scheduled. If a consultant chooses to schedule a debriefing prior to contract signature, they can no longer be considered for award of this contract. However, the option exists to schedule a post-award debrief which will not jeopardize their opportunity for contract award should negotiations with the selected firm(s) prove unsuccessful.

DESIGN-BUILD SUPPORT ENGINEERING CONFLICT: By and large, the selection of a consulting firm for preparation services will indicate that the prime consultant will be retained through the completion of the design-build procurement process. Furthermore, any sub-consultant performing any of the following preliminary design services will customarily be retained: roadway, structural, hydraulics, geotechnical, and traffic. Those entities retained will be prohibited from participating in the pursuit of the associated design-build project. The purpose of this retention will be to primarily assist the Design-Build Group with RFP development, answering questions, and providing technical support during the RFP phase of the procurement.

Any sub-consultant performing services outside of the above referenced preliminary design services will be allowed to participate in the pursuit of the associated design-build project provided: (1) The prime consultant submits a Standard Release Letter along with all deliverables to the PM; and (2) SCDOT concurs in the release request. The Standard Release letter can be obtained on the SCDOT Design-Build website.

DRUG FREE WORK PLACE CERTIFICATION: By submitting an RFP response, consultant certifies that, if awarded a contract, consultant will comply with all applicable provisions of the Drug-free Workplace Act, Title 44, Chapter 107 of the South Carolina Code of Laws, as amended.

ETHICS CERTIFICATION: By submitting this RFP, the consultant certifies that the consultant has and will comply with South Carolina's Ethics, Government Accountability, and Campaign Reform Act of 1991, as amended. The following statutes require special attention: (a) Offering, giving, soliciting, or receiving anything of value to influence action of public employee - §8-13-790, 8-13-705, 8-13-720; (b) Recovery of kickbacks - §8-13-790, (c) Offering, soliciting, or receiving money for advice or assistance of public official - §8-13-720, (d) Use or disclosure of confidential information - §8-13-725, (e) Persons hired to assist in the preparation of specifications or evaluation of bids - §8-13-1150, (f) Solicitation of state employees - §8-13-755, §8-13-760 and §8-13-725. The state may rescind any contract and recover all amounts expended as a result of any action taken in violation of this provision.

INSURANCE and BONDS: Consultant is responsible to obtain all required statutory and contractual insurance and bonds, including but not limited to Professional liability insurance and Error and Omissions insurance, and shall be submitted to the SCDOT prior to execution of contract.

JOINT VENTURES: If consultant is a partnership, limited partnership, joint venture or other association (hereinafter joint venture), provide a copy of the organizational document or agreement committing to form the organization. Provide documentation from its surety company acknowledging the formation of a joint venture for the purpose of completing the project and that the joint venture is capable of obtaining a performance bond and payment bond in the estimated amount of the contract. Provide a statement executed by all general partners, joint venture members, or other association members, as applicable, evidencing agreement to be fully liable for the performance under the contract. Provide documentation evidencing the person signing the contract has authority to sign the contract on behalf of the joint venture. This information may be included in the appendices and will not be counted against the maximum page limitation.

KEY INDIVIDUALS: At a minimum, SCDOT considers Project Managers and major discipline leaders as "Key Individuals." Based on the specific requirements of the project, the proposer may identify other key individuals as critical to the success of the project. It is incumbent on the prime consultant to determine who they deem as "Key Individuals."

KEY INDIVIDUAL CHANGES DURING SELECTION PROCESS:

(A) If during the selection process, the CO is notified by the consultant that key individuals are not available, action must be taken as follows: (1) if notified before scoring is complete, but after deadline for submittal, the consultant shall submit the formal name (first, middle, maiden if applicable, and last) and resume of a replacement having equal or better qualifications who would be replacing the key individual. The selection committee will score using the new key individual; (2) if notified after the scoring is complete, but prior to final approval, and the change involves the top scoring consultant, the consultant can submit the resume of the person having equal or better qualifications who will replace the key individual. The selection committee must then determine if the new person would affect the selection results. If not, the CO will notate the change and the justification for keeping the selection results. If it does, the selection committee will re-score the top consultant and change the selection; or (3) if a consultant notifies the CO of a key individual change any time after the final approval, the SCDOT must determine if the new key individual is acceptable. If not, the consultant will be rejected and the next highest qualified consultant selected.

(B) To qualify for SCDOT's authorization to replace a key individual, the firm must submit the resume and SF 330 of the replacement, a written request explaining the reason for the change and must document that the proposed removal and replacement will provide services and/or management of the Project equal to or better than that submitted with the proposal. SCDOT will use the criteria specified in the advertisement and the qualification submitted by the firm to evaluate all requests. SCDOT reserves the right to reject the firm from further consideration if the new member is not approved.

KEY INDIVIDUAL CHANGES AFTER AWARD THIS SOLICITATION: All key individuals identified in the submitted proposal shall remain for the duration of the procurement process and if the Prime Consultant is awarded a contract, the duration of the contract. Unauthorized changes to the key individuals at any time during the procurement process may result in rejection of the submitted proposal from further consideration. If the Prime Consultant is awarded a contract, unauthorized changes to any key individuals in the submitted proposal may be considered a breach of contract and result in termination.

KEY INDIVIDUAL, STAFF AND TEAM CHANGES AFTER AWARD OF DESIGN BUILD CONTRACT: If the top ranking prime consultant has a sub-consultant or subcontractor listed that is a member of the successful design-build team, the prime consultant shall request approval from SCDOT to replace the sub-consultant or subcontractor only under the following conditions: (1) the prime consultant must remain, (2) a maximum of 25% of the original team may be substituted, and (3) key individuals cannot be substituted. If the selected prime consultant cannot meet the three (3) criteria above, the next highest ranked prime consultant will be reviewed for compliance. All changes in the team must be approved by SCDOT in writing.

LAWS AND REGULATIONS: It is the responsibility of consultant to know and understand state and federal contracting and project regulations, rules, policies and procedures. Consultants shall conform to all state and federal requirements.

LEGAL NAME: This is defined as an individual's formal name: first, middle, maiden if applicable, and last. Nick names may be included as an addition to, but not a replacement of the formal, legal name.

MULTIPLE PROPOSALS: Consultants are prohibited from submitting on multiple proposals as the prime consultant in response to this advertisement.

OWNERSHIP: All materials and written qualifications submitted pursuant to this RFP shall become the property of SCDOT and will not be returned. All responders must visibly mark as "CONFIDENTIAL" or "TRADE SECRET" each part of their submission that they consider to contain proprietary information the release of which would constitute an unreasonable invasion of privacy. For every document consultant submits in response to or with regard to this RFP, consultant must separately mark with the word "CONFIDENTIAL" every page, or portion thereof, that consultant contends contains information that is exempt from public disclosure because it is either (a) a trade secret as defined in Section 30-4-40(a)(1), or (b) confidential proprietary information, as that phrase is used in Section 30-4-30(a)(5)(c). For every document consultant submits in response to or with regard to this RFP, consultant must separately mark with the words "TRADE SECRET" every page, or portion thereof, that consultant contends contains a trade secret as that term is defined by Section 39-8-20 of the Trade Secrets Act. All markings must be conspicuous; use color, bold, underlining, or some other method in order to conspicuously distinguish the

mark from the other text. Do not mark the entire Proposal as confidential or proprietary. If your response, or any part thereof, is improperly marked as confidential or trade secret, consultant waives its confidentiality and the SCDOT may, in its sole discretion, determine if it should be released. All unmarked pages will be subject to release in accordance with law. By submitting a response, consultant agrees to defend, indemnify and hold harmless the State of South Carolina, its agencies, officers and employees, from every claim, demand, loss, expense, cost, damage or injury, including attorney's fees, arising out of or resulting from withholding information by the State of South Carolina or any of its agencies, that consultant marked as "confidential" or "trade secret".

SUBMITTING REDACTED PROPOSALS: If your proposal includes any information that you marked as "Confidential," or "Trade Secret," in accordance with the clause entitled "OWNERSHIP", you must also submit one complete copy of your proposal from which you have removed or concealed such information (the redacted copy). The redacted copy should (i) reflect the same pagination as the original, (ii) show the empty space from which information was redacted, and (iii) be submitted on magnetic media. Except for the information removed or concealed, the redacted copy must be identical to your original offer, and the Procurement Officer must be able to view, search, copy and print the redacted copy without a password. If you are the selected to proceed to contract negotiation, any document you provide to SCDOT during negotiation shall be submitted along with a redacted version. Failure to redact any information from the proposal during the negotiation may subject the information to disclosure under FOIA.

PREPARATION OF RFP: Consultants and/or sub-consultants who assist the owner in the preparation of a RFP document will not be allowed to participate in this RFP or join a team submitting a proposal in response to the RFP. However, SCDOT may determine there is not an organizational conflict of interest for a consultant or sub-consultant where: (a) The role of the consultant or sub-consultant was limited to provision of preliminary design, reports, or similar "low-level" documents that will be incorporated into the RFP, and did not include assistance in development of instructions to proposer or evaluation criteria, or (b) Where all documents and reports delivered to the agency by the consultant or sub-consultant are made available to all consultants.

PROTEST PROCEDURES: Please refer to Chapter 15, page 50 of the SCDOT Manual for Procurement, Management and Administration of Engineering and Design Related Services at: <http://info2.scdot.org/professionalserv/HostDocs/PSCO-Manual-5-1-2018.pdf>

REQUIRED PERCENTAGE OF WORK FOR PRIME CONSULTANTS: Consultant must perform work valued at not less than 30% of the total work, excluding specialized services, with its own staff. Specialized services are those services or items not usually furnished by a consultant performing a particular type of services requested.

RESPONSIBLE: Award of the contract will be to firms who have the capability in all respects to perform fully the contract requirements and the integrity and reliability which will assure good faith performance which may be substantiated by past performance.

RESPONSIVENESS: Any RFP response which fails to conform to the material requirements of the RFP may be rejected as nonresponsive. Reasons for determining a proposal to be non-responsive may result from, but are not limited to, the following: failure to provide all information requested in RFP, conflict of interests, conditional proposals, and failure to provide complete and honest information. Proposers will not be given an opportunity to correct any material nonconformity. Any deficiency resulting from a minor informality may be clarified or waived at the sole discretion of the SCDOT.

RFP PREPARATION COSTS: SCDOT assumes no liability and will not reimburse costs incurred by firms (whether selected or not) in developing responses to this RFP or participating in interviews.

RIGHT TO MODIFY and AMEND RFP: SCDOT reserves the right to modify or amend any provision of this RFP, including the determination of its intent to award a contract pursuant to this RFP. Interested engineering consultants are cautioned to rely solely on the contents of this RFP and subsequent written

amendments in preparing any list of qualifications. SCDOT shall not be bound by any oral instructions, comments, or recommendations of any kind.

RIGHT TO REJECT: SCDOT reserves the right, in its sole discretion, to reject any and all RFP responses if SCDOT determines that such rejection is in the best interest of the State of South Carolina.

RIGHT TO CANCEL: SCDOT reserves the right to cancel the advertisement, negotiations, or contract at any time in the best interest of the State.

TERMS OF CONTRACT: The boilerplates terms for all SCDOT contracts are non-negotiable.

VALIDITY OF INFORMATION: Consultant shall be held responsible for the validity of all information supplied in its proposal, including that provided by potential subcontractors. Should subsequent investigation disclose that the facts and conditions were not as stated, the proposal may be rejected or contract terminated for default if after award, in addition to any other remedy available under the contract or by law.

J. APPENDIX - REQUIRED FORMS

The following completed forms are required to be returned with each proposal:

- Certificate Of Non-Collusion
- Certification Of Primary Consultant Regarding Debarment, Suspension, And Other Responsibility Matters
- Certification Of Lower Tier Entities Regarding Debarment, Suspension, And Other Responsibility Matters
- Certification Of Restrictions On Lobbying
- Certification Of Consultant
- Disclosure Of Potential Conflict Of Interest Certification

CERTIFICATE OF NON-COLLUSION

By submission of proposal, each person signing on behalf of any consultant certifies, and in the case of a joint proposal, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

- 1) The proposal is submitted without collusion, consultation, communication, or agreement for the purpose of restricting competition, with any other bidder or with any competitor;
- 2) No attempt has been made or will be made by the proposer to induce any other person, partnership or corporation to submit or not to submit a proposal for the purpose of restricting competition.

Company Name

Signature of Authorized Official

Printed Full Legal Name of Authorized Official

Date

SWORN AND SUBSCRIBED before me
this _____ day of _____, 20____.

My commission expires _____.

Notary Public

CERTIFICATION OF PRIMARY CONSULTANT REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

The prime consultant, _____ certifies to the best of its knowledge and belief, that it and its principals:

- 1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any State or Federal department or agency;
- 2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion or receiving stolen property;
- 3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
- 4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or Local) terminated for cause or default.

“Principals,” for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager, plant manager, head of a subsidiary, division, or business segment, and similar positions).

If the prime consultant is unable to certify to any of the statements in this certification, the consultant shall attach an explanation to this certification.

The certification will be considered in connection with a review of the consultant’s responsibility. Failure of the consultant to furnish additional information as requested by the SCDOT may render the consultant non-responsive.

Consultant shall provide immediate written notice to the SCDOT if, at any time prior to contract award, Consultant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. The certification is a material representation of fact upon which reliance was placed when making award. If it is later determined that the consultant knowingly or in bad faith rendered an erroneous certification, in addition to other remedies available to the State, the SCDOT may terminate the contract resulting from this RFP for default.

The primary consultant, _____ certifies or affirms the truthfulness and accuracy of the contents of the statements submitted on or with this certification and understands that the provisions of 31 U.S.C. Sections 3801 et seq, are applicable thereto.

Company Name

Signature of Authorized Official

Printed Full Legal Name of Authorized Official

Date

CERTIFICATION OF LOWER TIER ENTITIES REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

The lower tier entity, _____ certifies to the best of its knowledge and belief, that it and its principals:

- 1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any State or Federal department or agency;
- 2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- 3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
- 4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or Local) terminated for cause or default.

“Principals,” for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

“Lower tier entity”, for purpose of this certification, means an entity regardless of tier, other than the prime consultant, that is a subcontractor, supplier, fabricator, subconsultant, dealer, agent or representative in any transaction or performance of this contract..

If the lower tier entity is unable to certify to any of the statements in this certification, the lower tier entity shall attach an explanation to this certification.

The certification will be considered in connection with a review of the prime consultant’s responsibility. Failure of the lower tier entity to furnish additional information to prime consultant as requested by the SCDOT may render the prime consultant non-responsive.

Consultant shall provide immediate written notice to the SCDOT if, at any time prior to contract award, Consultant learns that this certification was erroneous when submitted or has become erroneous by reason of changed circumstances. The certification is a material representation of fact upon which reliance was placed when making award. If it is later determined that the prime consultant or lower tier entity knowingly or in bad faith rendered an erroneous certification, in addition to other remedies available to the State, the SCDOT may terminate the contract resulting from this RFP for default.

The lower tier entity, _____ certifies or affirms the truthfulness and accuracy of the contents of the statements submitted on or with this certification and understands that the provisions of 31 U.S.C. Sections 3801 *et seq.*, potential cause of action under the False Claims Act as specified in 32 U.S.C. 3729- 3733, and prosecution for making a false statement as specified in 18 U.S.C. 1020, are applicable thereto.

Company Name

Signature of Authorized Official

Printed Full Legal Name of Authorized Official

Date

CERTIFICATION OF RESTRICTIONS ON LOBBYING

The consultant certifies, to the best of its knowledge and belief, that:

1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of a Federal department or agency, a Member of the U.S. Congress, an officer or employee of the U.S. Congress, or an employee of a Member of the U.S. Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification thereof.

2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions (as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, et seq.)).

3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

THE CONSULTANT, _____, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF EACH STATEMENT OF ITS CERTIFICATION AND DISCLOSURE, IF ANY. IN ADDITION, THE CONSULANT UNDERSTANDS AND AGREES THAT THE PROVISIONS OF 31 U.S.C. §§ 3801 ET SEQ. APPLY TO THIS CERTIFICATION AND DISCLOSURE, IF ANY.

Company Name

Signature of Authorized Official

Printed Full Legal Name of Authorized Official

Date

CERTIFICATION OF CONSULTANT

I hereby certify that I am the duly authorized representative of CONSULTANT and that neither I nor the above CONSULTANT I here represent has:

- a) employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above CONSULTANT) to solicit or secure this contract;
- b) agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out the contract, or
- c) paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the above CONSULTANT) any fee, contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the contract except as here expressly stated (if any);
- d) either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action, in restraint of free competitive bidding in connection with the submitted proposal.

By execution of this Agreement, CONSULTANT certifies CONSULTANT and all sub-consultants, contractors, employees and agents will comply with South Carolina's Ethics, Government Accountability, and Campaign Reform Act of 1991, as amended. The following statutes require special attention: (a) Offering, giving, soliciting, or receiving anything of value to influence action of public employee - §8-13-790, 8-13-705, 8-13-720; (b) Recovery of kickbacks - §8-13-790, (c) Offering, soliciting, or receiving money for advice or assistance of public official - §8-13-720, (d) Use or disclosure of confidential information - §8-13-725, (e) Persons hired to assist in the preparation of specifications or evaluation of bids - §8-13-1150, (f) Solicitation of state employees - §8-13-755, §8-13-760 and §8-13-725. The state may rescind any contract and recover all amounts expended as a result of any action taken in violation of this provision.

I acknowledge that this certificate is to be furnished to the Department, the Federal Highway Administration, and the U. S. Department of Transportation, and is subject to applicable State and Federal laws, both criminal and civil.

Company Name

Signature of Authorized Official

Printed Full Legal Name of Authorized Official

Date

DISCLOSURE OF POTENTIAL CONFLICT OF INTEREST CERTIFICATION

CONFLICT OF INTEREST: By submitting a proposal, proposer agrees that, if an organizational conflict of interest is discovered after the proposal is submitted, the proposer must make an immediate and full disclosure to SCDOT that includes a description of the action that the proposer has taken or proposes to take to avoid or mitigate such conflict. If after award of the contract an organizational conflict of interest is determined to exist, SCDOT may, at its discretion, cancel the contract. If the proposer was aware of an organizational conflict of interest prior to the award of the contract and did not disclose the conflict to SCDOT, then SCDOT may terminate the contract for default.

The Consultant by signing this disclosure, certifies it does not have any financial or other interest in the outcome of the project, that it has no agreement, enforceable promise, or guarantee with any individual or company to provide any work on the project, that it does not have any association or professional or business relationships with anyone who has a financial interest in the outcome of the project, nor does anyone with a financial interest in the outcome of the project, exercise any control over the consultant's pay, employment, bonuses, or other area subject to external influence.

The Consultant, by signing this disclosure, further certifies that it is in compliance with the CONFLICT OF INTEREST (SCDOT COMMISSION): Section 23 of Act 40 of 2017 [now codified as S. C. Code Section 57-1-350(G)] prohibits a member of the SCDOT Commission serving on July 1, 2017 (the effective date of the Act) or thereafter, from having an interest, direct or indirect, in any contract awarded by the department during the member's term of appointment and for one year after the termination of the appointment. Therefore, any proposal or bid submitted to SCDOT in violation of this law will be disqualified.

The Consultant, by signing this disclosure, further certifies that it is in compliance with the CURRENT AND FORMER SCDOT EMPLOYEES policy: To avoid the appearance of any real or perceived favoritism, unfair advantage, undue influence, or conflict of interest, a proposal will be disqualified that names, identifies, or includes in any way a current or former SCDOT employee serving in a management level position within 365 days of the submittal. No communication or appearance shall be made by such current or former employee with SCDOT on such proposal, or the proposal will be disqualified. In addition no current or former employee, who served in a management level position or above, may work on or invoice for services performed on a project within 365 days after their last day of employment with SCDOT. For the purposes of this bright line rule, "management level position" is defined as any SCDOT Pay Band 7 and above position, which includes, but is not limited to, Directors, Assistant Directors, District Engineering Administrators, District-level Engineers, Program Managers, Assistant Program Managers and Resident-level Engineers.

Consultant hereby indicates that it has, to the best of its knowledge and belief has:

_____ Determined that no potential organizational conflict of interest exists.

_____ Determined a potential organizational conflict of interest as follows:

Attach additional sheets as necessary.

1. Describe nature of the potential conflict(s):
2. Describe measures proposed to mitigate the potential conflict(s):

Signature of Authorized Official

Date

Print Full Legal Name of Authorized Official

Company Name

If a potential conflict has been identified, please provide name and phone number for a contact person authorized to discuss this disclosure certification with Department of Transportation contract personnel.

Name

Phone

Company