



## **Request for Proposal (RFP) Notification # 6**

### **NOTICE TO ALL CONSULTING ENGINEERING FIRMS**

To all potential proposers:

Re: S-204-17 (I-20 Five Bridge Replacements)

Question clarification #2 to original question and RFP response due date extension

#### **1. Original Question:**

Do you know if these replacement bridges will be constructed with additional lanes for future capacity?

#### **2. SCDOT Response:**

This is a second correction to the response to the question in RFP Notification #2.

SCDOT does not currently anticipate widening I-20 through this corridor, therefore the bridges will not need to be constructed with additional capacity. However the bridges should be designed in a manner to allow the structure to be widened in the future should it be deemed necessary.

#### **3. Due to the need for the above clarification the RFP has been amended to include a revised due date of June 28, 2017.**



## **Request for Proposal (RFP) Notification # 5**

### **NOTICE TO ALL CONSULTING ENGINEERING FIRMS**

To all potential proposers:

Re: S-204-17 (I-20 Five Bridge Replacements)

Question clarification and RFP response due date extension

#### 4. Question:

Do you know if these replacement bridges will be constructed with additional lanes for future capacity?

#### SCDOT Response:

This is a corrected response to the question in RFP Notification #2.

SCDOT does not currently anticipate widening I-20 through this corridor, therefore the bridges will not need to accommodate future capacity increases.

5. Due to the need for the above clarification the RFP has been amended to include a revised due date of June 23, 2017.



**Request for Proposal (RFP) Notification # 4**  
**NOTICE TO ALL CONSULTING ENGINEERING FIRMS**

**Solicitation Number S-204-17 (I-20 Five Bridge Replacements)**

The Request for Proposals document for the above referenced solicitation has been updated to include:

1. The newly issued SCDOT “Employee Post-Employment Restrictions on Qualification-Based Procurements”
2. Clarification concerning proposal format

All updates are highlighted in **blue**.



**Request for Proposal (RFP) Notification # 3**  
**NOTICE TO ALL CONSULTING ENGINEERING FIRMS**

**Solicitation Number S-204-17 (I-20 Five Bridge Replacements)**

1. The Proposal due date has been extended to **June 16, 2017.**
2. A revised RFP is forthcoming and the revisions will be highlighted in **BLUE.**



## **Request for Proposal (RFP) Notification # 2**

### **NOTICE TO ALL CONSULTING ENGINEERING FIRMS**

To all potential proposers:

Re: S-204-17 (I-20 Five Bridge Replacements)

Question:

Do you know if these replacement bridges will be constructed with additional lanes for future capacity?

SCDOT Response:

SCDOT does not currently anticipate widening will be needed through this corridor, however, the bridges should allow adequate vertical and horizontal clearances to allow for future additional lanes if they are ever deemed necessary during the lifespan of the structure.



**Request for Proposal (RFP) Notification # 1**  
**NOTICE TO ALL CONSULTING ENGINEERING FIRMS**

To all potential proposers:

Re: S-204-17 (I-20 Five Bridge Replacements)

Please see the attached Structure Inventory and Appraisal (SIA) sheets for the bridges associated with the above referenced solicitation.

IDENTIFICATION				CLASSIFICATION			
(1) State Name - SOUTH CAROLINA	Code	454		Sufficiency Rating = 70.7			
(8) Structure Number	#	0000210002040300		Functionally Obsolete = NO			
(5) Inventory Route (On/Under)	On -	111000204		Structurally Deficient = YES			
(2) State Highway Department District		7					
(3) County Code 3	(4) Place Code						
(6) Features Intersected	ABANDOND RR (NO TRACKS)			(112) NBIS Bridge Length -	YES		
(7) Facility Carried	I-20 WB			(104) Highway System - NHS	1		
(9) Location	2 MI N OF AUGUSTA			(26) Functional Class - URBAN-PRIN ART-INT	11		
(11) Milepoint		2.730		(100) Strahnet Highway - STRAH HWY	1		
(12) Base Highway Network -PART OF NET	Code	1		(101) Parallel Structure - LEFT STRUCT	L		
(13) LRS Inventory Route & Subroute		00I-00020000		(102) Direction of Traffic - 1-WAY TRAFFIC	1		
(16) Latitude 33 Degrees 32 Minutes 45.82 Seconds				(103) Temporary Structure -			
(17) Longitude 81 Degrees 58 Minutes 6.08 Seconds				(105) Federal Lands Highways -N/A	0		
(98) Border Bridge State Code	% SHARE	%		(110) Designated National Network -YES	1		
(99) Border Bridge Structure No.	#			(20) Toll - ON FREE ROAD	3		
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) Structure Type Main: MATERIAL -PRESTRESSED CON	Type - 2	Code	502	(58) Deck - POOR	4		
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	Type - OTHER OR N/A	Code	000	(59) Superstructure - SATISFACTORY	6		
(45) Number of Spans in Main Unit		3		(60) Substructure - FAIR	5		
(46) Number of Approach Spans		0		(61) Channel and Channel Protection -N/A	N		
(107) Deck Structure Type -CONCRETE CAST-IN-PLC	Code	1		(62) Culverts - NOT APPLICABLE	N		
(108) Wearing Surface / Protective System:				LOAD RATING AND POSTING			
A) Type of Wearing Surface - MONO CONCRETE	Code	1		(31) Design Load - HS 20	5		
B) Type of Membrane - UNKNOWN	Code	8		(64) Operating Rating - LF	81		
C) Type of Deck Protection - UNKNOWN	Code	8		(66) Inventory Rating - LF	59		
AGE AND SERVICE				(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5		
(27) Year Built		1966		(41) Structure Open, Posted or Closed -	A		
(106) Year Reconstructed				Description -OPEN, NO RESTRICT			
(42) Type of Service On -HIGHWAY	Under - RAILROAD	Code	2	APPRAISAL			
(28) Lanes: On Structure = 2	Under Structure =	0		(67) Structure Evaluation - BETTER THAN ADEQUACY	5		
(29) Average Daily Traffic		22300		(68) Deck Geometry	4		
(30) Year of ADT 2015	(109) Truck ADT	12 %		(69) Underclearances, Vertical and Horizontal	N		
(19) Bypass, Detour Length		4 MI		(71) Waterway Adequacy	N		
GEOMETRIC DATA				(72) Approach Roadway Alignment	8		
(48) Length of Maximum Span		55 FT		(36) Traffic Safety Features	0110		
(49) Structure Length		165 FT		(113) Scour Critical Bridges - NOT OVER WATERWAY	N		
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT				PROPOSED IMPROVEMENTS			
(51) Bridge Roadway Width Curb to Curb		36 FT		(75) Type of Work - REHAB/DETERIORATION	Code	351	
(52) Deck Width Out to Out		39.0 FT		(76) Length of Structure Improvement		195.6 FT	
(32) Approach Roadway Width (W/Shoulders)		36 FT		(94) Bridge Improvement Cost		\$329,000	
(33) Bridge Median -OPEN	Code	1		(95) Roadway Improvement Costs		\$16,000	
(34) Skew 3 Deg (35) Structure Flared		NO		(96) Total Project Cost		\$362,000	
(10) Inventory Route Min Vert Clear	99 FT	99 IN		(97) Year of Improvement Cost Estimate		2016	
(47) Inventory Route Total Horz Clear		36.0 FT		(114) Future ADT		46384	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN		(115) Year of Future ADT		2035	
(54) Min Vert Underclear Ref - NOT HWY OR RX	0 FT	0 IN		INSPECTIONS			
(55) Min Lat Underclear Right Ref -NOT HWY OR RXR	9.6 FT			(90) Inspection Date 02/2016	(91) Frequency	24	Mo
(56) Min Lat Underclear Left	0.0 FT			(92) Critical Feature Inspection:	(93) CFI Date		
NAVIGATION DATA				A) Fracture Crit Detail	NO	Mo	A)
(38) Navigation Control -N/A - NO WATERWAY	Code	N		B) Underwater Insp	NO	Mo	B)
(111) Pier Protection -	Code			C) Other Special Insp	YES	Mo	24 C) 06/01/2016
(39) Navigation Vertical Clearance		FT					
(116) Vert-Lift Bridge Nav Min Vert Clear		FT					
(40) Navigation Horizontal Clearance		FT					

IDENTIFICATION				CLASSIFICATION			
(1) State Name - SOUTH CAROLINA	Code	454		Sufficiency Rating = 51.0			
(8) Structure Number	#	0000210002040800		Functionally Obsolete = YES			
(5) Inventory Route (On/Under)	On -	111000204		Structurally Deficient = YES			
(2) State Highway Department District		7					
(3) County Code 3	(4) Place Code						
(6) Features Intersected S.C. 19							
(7) Facility Carried I-20 WB							
(9) Location 6 MI N OF AIKEN							
(11) Milepoint		17.780					
(12) Base Highway Network -PART OF NET	Code	1					
(13) LRS Inventory Route & Subroute		00I-00020000					
(16) Latitude 33 Degrees 38 Minutes 21.62 Seconds							
(17) Longitude 81 Degrees 44 Minutes 26.77 Seconds							
(98) Border Bridge State Code	% SHARE	%					
(99) Border Bridge Structure No.	#						
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) Structure Type Main: MATERIAL -PRESTRESSED CON	Type - 2	Code	502	(112) NBIS Bridge Length -		YES	
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	Type - OTHER OR N/A	Code	000	(104) Highway System -NHS		1	
(45) Number of Spans in Main Unit			4	(26) Functional Class - RURAL-PRIN ART-INT		01	
(46) Number of Approach Spans			0	(100) Strahnet Highway - STRAH HWY		1	
(107) Deck Structure Type -CONCRETE CAST-IN-PLC	Code	1		(101) Parallel Structure - LEFT STRUCT		L	
(108) Wearing Surface / Protective System:				(102) Direction of Traffic - 1-WAY TRAFFIC		1	
A) Type of Wearing Surface - MONO CONCRETE	Code	1		(103) Temporary Structure -			
B) Type of Membrane - UNKNOWN	Code	8		(105) Federal Lands Highways -N/A		0	
C) Type of Deck Protection - UNKNOWN	Code	8		(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	
AGE AND SERVICE				LOAD RATING AND POSTING			
(27) Year Built		1968		(58) Deck - FAIR		5	
(106) Year Reconstructed				(59) Superstructure - POOR		4	
(42) Type of Service On -OVERPASS STRUCTURE AT AN INTE	Under - HIGHWAY, WITH OR WITHOUT PEDES	Code	1	(60) Substructure - FAIR		5	
(28) Lanes: On Structure = 2	Under Structure = 4			(61) Channel and Channel Protection -N/A		N	
(29) Average Daily Traffic		16100		(62) Culverts - NOT APPLICABLE		N	
(30) Year of ADT 2015	(109) Truck ADT	18 %					
(19) Bypass, Detour Length		17 MI		(31) Design Load - HS 20		5	
				(64) Operating Rating - LF		86	
				(66) Inventory Rating - LF		63	
				(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS		5	
				(41) Structure Open, Posted or Closed -		A	
				Description -OPEN, NO RESTRICT			
GEOMETRIC DATA				APPRAISAL			
(48) Length of Maximum Span		53 FT		(67) Structure Evaluation - MEETS MIN TOLER LIMITS		4	
(49) Structure Length		212 FT		(68) Deck Geometry		7	
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT				(69) Underclearances, Vertical and Horizontal		3	
(51) Bridge Roadway Width Curb to Curb		38.5 FT		(71) Waterway Adequacy		N	
(52) Deck Width Out to Out		41.7 FT		(72) Approach Roadway Alignment		8	
(32) Approach Roadway Width (W/Shoulders)		38 FT		(36) Traffic Safety Features		0111	
(33) Bridge Median -NONE	Code	0		(113) Scour Critical Bridges - NOT OVER WATERWAY		N	
(34) Skew 30 Deg	(35) Structure Flared	NO					
(10) Inventory Route Min Vert Clear		99 FT 99 IN					
(47) Inventory Route Total Horz Clear		38.5 FT					
(53) Min Vert Clear Over Bridge Roadway		99 FT 99 IN					
(54) Min Vert Underclear Ref - HWY BENEATH	14 FT 9 IN						
(55) Min Lat Underclear Right Ref -HWY BENEATH	8.0 FT						
(56) Min Lat Underclear Left	2.0 FT						
NAVIGATION DATA				PROPOSED IMPROVEMENTS			
(38) Navigation Control -N/A - NO WATERWAY	Code	N		(75) Type of Work - WIDEN WITH DECK REHAB	Code	341	
(111) Pier Protection -	Code			(76) Length of Structure Improvement		244.5 FT	
(39) Navigation Vertical Clearance		FT		(94) Bridge Improvement Cost		\$331,000	
(116) Vert-Lift Bridge Nav Min Vert Clear		FT		(95) Roadway Improvement Costs		\$83,000	
(40) Navigation Horizontal Clearance		FT		(96) Total Project Cost		\$497,000	
				(97) Year of Improvement Cost Estimate		2016	
				(114) Future ADT		30268	
				(115) Year of Future ADT		2035	
INSPECTIONS							
(90) Inspection Date 02/2016	(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)				



IDENTIFICATION				Sufficiency Rating = 72.3	
(1) State Name - SOUTH CAROLINA	Code	454		Functionally Obsolete = NO	
(8) Structure Number	#	0000210002041000		Structurally Deficient = YES	
(5) Inventory Route (On/Under)	On -	111000204			
(2) State Highway Department District		7			
(3) County Code 3	(4) Place Code				
(6) Features Intersected	S-980 & ABANDOND RR				
(7) Facility Carried	I-20 WB				
(9) Location	5 MI N OF AIKEN				
(11) Milepoint		19.480			
(12) Base Highway Network -PART OF NET	Code	1			
(13) LRS Inventory Route & Subroute		00I-00020000			
(16) Latitude	33 Degrees	39 Minutes	0.88 Seconds		
(17) Longitude	81 Degrees	42 Minutes	50.05 Seconds		
(98) Border Bridge State Code	% SHARE	%			
(99) Border Bridge Structure No.	#				
STRUCTURE TYPE AND MATERIAL				CLASSIFICATION	
(43) Structure Type Main: MATERIAL -PRESTRESSED CON	Type - 2	Code	502	(112) NBIS Bridge Length -	YES
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	Type - OTHER OR N/A	Code	000	(104) Highway System -NHS	1
(45) Number of Spans in Main Unit			4	(26) Functional Class - RURAL-PRIN ART-INT	01
(46) Number of Approach Spans			0	(100) Strahnet Highway - STRAH HWY	1
(107) Deck Structure Type -CONCRETE CAST-IN-PLC	Code	1		(101) Parallel Structure - LEFT STRUCT	L
(108) Wearing Surface / Protective System:				(102) Direction of Traffic - 1-WAY TRAFFIC	1
A) Type of Wearing Surface - MONO CONCRETE	Code	1		(103) Temporary Structure -	
B) Type of Membrane - UNKNOWN	Code	8		(105) Federal Lands Highways -N/A	0
C) Type of Deck Protection - UNKNOWN	Code	8		(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
AGE AND SERVICE				CONDITION	
(27) Year Built			1968	(58) Deck - POOR	4
(106) Year Reconstructed				(59) Superstructure - SATISFACTORY	6
(42) Type of Service On -HIGHWAY				(60) Substructure - FAIR	5
Under - HIGHWAY-RAILROAD	Code	4		(61) Channel and Channel Protection -N/A	N
(28) Lanes: On Structure = 2	Under Structure =	2		(62) Culverts - NOT APPLICABLE	N
(29) Average Daily Traffic			15400		
(30) Year of ADT	2015	(109) Truck ADT	18 %	LOAD RATING AND POSTING	
(19) Bypass, Detour Length			7 MI	(31) Design Load - HS 20	5
				(64) Operating Rating - LF	80
				(66) Inventory Rating - LF	58
				(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5
				(41) Structure Open, Posted or Closed -	A
				Description -OPEN, NO RESTRICT	
GEOMETRIC DATA				APPRAISAL	
(48) Length of Maximum Span			55 FT	(67) Structure Evaluation - BETTER THAN ADEQUACY	5
(49) Structure Length			220 FT	(68) Deck Geometry	7
(50) Curb or Sidewalk: Left 0.0 FT	Right	0.0 FT		(69) Underclearances, Vertical and Horizontal	9
(51) Bridge Roadway Width Curb to Curb			39.5 FT	(71) Waterway Adequacy	N
(52) Deck Width Out to Out			42.3 FT	(72) Approach Roadway Alignment	8
(32) Approach Roadway Width (W/Shoulders)			39 FT	(36) Traffic Safety Features	0111
(33) Bridge Median -NONE	Code	0		(113) Scour Critical Bridges - NOT OVER WATERWAY	N
(34) Skew 5 Deg	(35) Structure Flared	NO			
(10) Inventory Route Min Vert Clear	99 FT	99 IN		PROPOSED IMPROVEMENTS	
(47) Inventory Route Total Horz Clear		39.5 FT		(75) Type of Work - REHAB/DETERIORATION	Code 351
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN		(76) Length of Structure Improvement	252.8 FT
(54) Min Vert Underclear Ref - HWY BENEATH	21 FT	9 IN		(94) Bridge Improvement Cost	\$375,000
(55) Min Lat Underclear Right Ref -HWY BENEATH	16.0 FT			(95) Roadway Improvement Costs	\$19,000
(56) Min Lat Underclear Left	0.0 FT			(96) Total Project Cost	\$413,000
				(97) Year of Improvement Cost Estimate	2016
				(114) Future ADT	28952
				(115) Year of Future ADT	2035
NAVIGATION DATA				INSPECTIONS	
(38) Navigation Control -N/A - NO WATERWAY	Code	N		(90) Inspection Date	03/2016
(111) Pier Protection -	Code			(91) Frequency	24 Mo
(39) Navigation Vertical Clearance		FT		(92) Critical Feature Inspection:	(93) CFI Date
(116) Vert-Lift Bridge Nav Min Vert Clear		FT		A) Fracture Crit Detail	NO Mo A)
(40) Navigation Horizontal Clearance		FT		B) Underwater Insp	NO Mo B)
				C) Other Special Insp	YES Mo 24 C) 06/01/2016

IDENTIFICATION				Sufficiency Rating = 70.9			
(1) State Name - SOUTH CAROLINA	Code	454		Functionally Obsolete = NO			
(8) Structure Number	#	0000210002021000		Structurally Deficient = YES			
(5) Inventory Route (On/Under)	On -	111000202					
(2) State Highway Department District		7					
(3) County Code 3	(4) Place Code						
(6) Features Intersected	S-980 & ABANDOND RR			<b>CLASSIFICATION</b>			
(7) Facility Carried	I-20 EB			(112) NBIS Bridge Length -	YES		
(9) Location	5 MI N OF AIKEN			(104) Highway System - NHS	1		
(11) Milepoint		19.480		(26) Functional Class - RURAL-PRIN ART-INT	01		
(12) Base Highway Network -PART OF NET	Code	1		(100) Strahnet Highway - STRAH HWY	1		
(13) LRS Inventory Route & Subroute		00I-00020000		(101) Parallel Structure - RIGHT STRUCT	R		
(16) Latitude 33 Degrees 39 Minutes 0.00 Seconds				(102) Direction of Traffic - 1-WAY TRAFFIC	1		
(17) Longitude 81 Degrees 42 Minutes 50.00 Seconds				(103) Temporary Structure -			
(98) Border Bridge State Code	% SHARE	%		(105) Federal Lands Highways -N/A	0		
(99) Border Bridge Structure No.	#			(110) Designated National Network -YES	1		
<b>STRUCTURE TYPE AND MATERIAL</b>				(20) Toll - ON FREE ROAD	3		
(43) Structure Type Main: MATERIAL -PRESTRESSED CON	Type - 2	Code	502	(21) Maintain - SCDOT	1		
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	Type - OTHER OR N/A	Code	000	(22) Owner - SCDOT	1		
(45) Number of Spans in Main Unit		4		(37) Historical Significance - NOT ELIGIBLE	5		
(46) Number of Approach Spans		0		<b>CONDITION</b>			
(107) Deck Structure Type -CONCRETE CAST-IN-PLC	Code	1		(58) Deck - POOR	4		
(108) Wearing Surface / Protective System:				(59) Superstructure - GOOD	7		
A) Type of Wearing Surface - MONO CONCRETE	Code	1		(60) Substructure - FAIR	5		
B) Type of Membrane - UNKNOWN	Code	8		(61) Channel and Channel Protection -N/A	N		
C) Type of Deck Protection - UNKNOWN	Code	8		(62) Culverts - NOT APPLICABLE	N		
<b>AGE AND SERVICE</b>				<b>LOAD RATING AND POSTING</b>			
(27) Year Built		1968		(31) Design Load - HS 20	5		
(106) Year Reconstructed				(64) Operating Rating - LF	80		
(42) Type of Service On -HIGHWAY	Under - HIGHWAY-RAILROAD	Code	4	(66) Inventory Rating - LF	58		
(28) Lanes: On Structure = 2	Under Structure = 2			(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5		
(29) Average Daily Traffic		15400		(41) Structure Open, Posted or Closed -	A		
(30) Year of ADT 2015	(109) Truck ADT	18 %		Description -OPEN, NO RESTRICT			
(19) Bypass, Detour Length		8 MI		<b>APPRAISAL</b>			
<b>GEOMETRIC DATA</b>				(67) Structure Evaluation - BETTER THAN ADEQUACY	5		
(48) Length of Maximum Span		55 FT		(68) Deck Geometry	7		
(49) Structure Length		220 FT		(69) Underclearances, Vertical and Horizontal	9		
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT				(71) Waterway Adequacy	N		
(51) Bridge Roadway Width Curb to Curb		39.5 FT		(72) Approach Roadway Alignment	7		
(52) Deck Width Out to Out		42.3 FT		(36) Traffic Safety Features	0111		
(32) Approach Roadway Width (W/Shoulders)		39 FT		(113) Scour Critical Bridges - NOT OVER WATERWAY	N		
(33) Bridge Median -NONE	Code	0		<b>PROPOSED IMPROVEMENTS</b>			
(34) Skew 5 Deg (35) Structure Flared		NO		(75) Type of Work - REHAB/DETERIORATION	Code	351	
(10) Inventory Route Min Vert Clear	99 FT	99 IN		(76) Length of Structure Improvement	252.8 FT		
(47) Inventory Route Total Horz Clear		39.5 FT		(94) Bridge Improvement Cost	\$375,000		
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN		(95) Roadway Improvement Costs	\$19,000		
(54) Min Vert Underclear Ref - HWY BENEATH 21 FT 9 IN				(96) Total Project Cost	\$413,000		
(55) Min Lat Underclear Right Ref -HWY BENEATH 16.0 FT				(97) Year of Improvement Cost Estimate	2016		
(56) Min Lat Underclear Left		0.0 FT		(114) Future ADT	28952		
<b>NAVIGATION DATA</b>				(115) Year of Future ADT	2035		
(38) Navigation Control -N/A - NO WATERWAY	Code	N		<b>INSPECTIONS</b>			
(111) Pier Protection -	Code			(90) Inspection Date 03/2016	(91) Frequency	24	Mo
(39) Navigation Vertical Clearance		FT		(92) Critical Feature Inspection:	(93) CFI Date		
(116) Vert-Lift Bridge Nav Min Vert Clear		FT		A) Fracture Crit Detail	NO	Mo	A)
(40) Navigation Horizontal Clearance		FT		B) Underwater Insp	NO	Mo	B)
				C) Other Special Insp	YES	Mo	24 C) 06/01/2016

IDENTIFICATION				Sufficiency Rating = 69.0	
(1) State Name - SOUTH CAROLINA	Code	454		Functionally Obsolete = NO	
(8) Structure Number	#	0000210002041200		Structurally Deficient = YES	
(5) Inventory Route (On/Under)	On -	111000204			
(2) State Highway Department District		7			
(3) County Code 3	(4) Place Code				
(6) Features Intersected	SOUTH EDISTO RIVER				
(7) Facility Carried	I-20 WB				
(9) Location	10 MI NE OF AIKEN				
(11) Milepoint		26.200			
(12) Base Highway Network -PART OF NET	Code	1			
(13) LRS Inventory Route & Subroute		00I-00020000			
(16) Latitude	33 Degrees	41 Minutes	37.00 Seconds		
(17) Longitude	81 Degrees	36 Minutes	44.00 Seconds		
(98) Border Bridge State Code	% SHARE	%			
(99) Border Bridge Structure No.	#				
STRUCTURE TYPE AND MATERIAL				CLASSIFICATION	
(43) Structure Type Main: MATERIAL -CONCRETE	Type - 4	Code	104	(112) NBIS Bridge Length -	YES
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	Type - OTHER OR N/A	Code	000	(104) Highway System -NHS	1
(45) Number of Spans in Main Unit			15	(26) Functional Class - RURAL-PRIN ART-INT	01
(46) Number of Approach Spans			0	(100) Strahnet Highway - STRAH HWY	1
(107) Deck Structure Type -CONCRETE CAST-IN-PLC	Code	1		(101) Parallel Structure - LEFT STRUCT	L
(108) Wearing Surface / Protective System:				(102) Direction of Traffic - 1-WAY TRAFFIC	1
A) Type of Wearing Surface - MONO CONCRETE	Code	1		(103) Temporary Structure -	
B) Type of Membrane - UNKNOWN	Code	8		(105) Federal Lands Highways -N/A	0
C) Type of Deck Protection - UNKNOWN	Code	8		(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
AGE AND SERVICE				CONDITION	
(27) Year Built			1970	(58) Deck - POOR	4
(106) Year Reconstructed				(59) Superstructure - FAIR	5
(42) Type of Service On -HIGHWAY				(60) Substructure - FAIR	5
Under - WATERWAY	Code	5		(61) Channel and Channel Protection -BNK PRT REPAIR	7
(28) Lanes: On Structure = 2	Under Structure =	0		(62) Culverts - NOT APPLICABLE	N
(29) Average Daily Traffic			16150		
(30) Year of ADT	2015	(109) Truck ADT	18 %	LOAD RATING AND POSTING	
(19) Bypass, Detour Length			12 MI	(31) Design Load - HS 20	5
				(64) Operating Rating - LF	79
				(66) Inventory Rating - LF	47
				(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5
				(41) Structure Open, Posted or Closed -	A
				Description -OPEN, NO RESTRICT	
GEOMETRIC DATA				APPRAISAL	
(48) Length of Maximum Span			30 FT	(67) Structure Evaluation - BETTER THAN ADEQUACY	5
(49) Structure Length			450 FT	(68) Deck Geometry	7
(50) Curb or Sidewalk: Left 0.0 FT	Right	0.0 FT		(69) Underclearances, Vertical and Horizontal	N
(51) Bridge Roadway Width Curb to Curb			39.5 FT	(71) Waterway Adequacy	7
(52) Deck Width Out to Out			43.5 FT	(72) Approach Roadway Alignment	7
(32) Approach Roadway Width (W/Shoulders)			39 FT	(36) Traffic Safety Features	0111
(33) Bridge Median -NONE	Code	0		(113) Scour Critical Bridges - SCOUR CRIT, UNSTABLE	3
(34) Skew 0 Deg	(35) Structure Flared	NO			
(10) Inventory Route Min Vert Clear	99 FT	99 IN		PROPOSED IMPROVEMENTS	
(47) Inventory Route Total Horz Clear		39.5 FT		(75) Type of Work - REHAB/DETERIORATION	Code 351
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN		(76) Length of Structure Improvement	478.5 FT
(54) Min Vert Underclear Ref - NOT HWY OR RX	0 FT	0 IN		(94) Bridge Improvement Cost	\$710,000
(55) Min Lat Underclear Right Ref -NOT HWY OR RX	99.9 FT			(95) Roadway Improvement Costs	\$36,000
(56) Min Lat Underclear Left	0.0 FT			(96) Total Project Cost	\$781,000
				(97) Year of Improvement Cost Estimate	2016
				(114) Future ADT	25840
				(115) Year of Future ADT	2035
NAVIGATION DATA				INSPECTIONS	
(38) Navigation Control -NONE	Code	0		(90) Inspection Date	03/2016
(111) Pier Protection -	Code			(91) Frequency	24 Mo
(39) Navigation Vertical Clearance		FT		(92) Critical Feature Inspection:	(93) CFI Date
(116) Vert-Lift Bridge Nav Min Vert Clear		FT		A) Fracture Crit Detail	NO Mo A)
(40) Navigation Horizontal Clearance		FT		B) Underwater Insp	NO Mo B)
				C) Other Special Insp	YES Mo 24 C) 06/01/2016