



Request for Proposal (RFP) Amendment Notification # 2

NOTICE TO ALL CONSULTING ENGINEERING FIRMS

Solicitation Number S-206-17:

US 76 Bridge Replacement over US 601 & US601 Bridge
Replacement over Colonels Creek and US 378 Bridge
Replacement over Twelve Mile Creek

SIA Reports Attached Below

IDENTIFICATION			
(1) State Name - SOUTH CAROLINA	Code 454	Sufficiency Rating = 68.0	
(8) Structure Number	# 0004020007600500	Functionally Obsolete = YES	
(5) Inventory Route (On/Under)	On - 121000760	Structurally Deficient = YES	
(2) State Highway Department District	1		
(3) County Code 79	(4) Place Code		
(6) Features Intersected U.S. 601			
(7) Facility Carried US 76			
(9) Location 3MI W OF EASTOVER			
(11) Milepoint	43.068		
(12) Base Highway Network -PART OF NET	Code 1		
(13) LRS Inventory Route & Subroute	00US00076000		
(16) Latitude 33 Degrees 56 Minutes 33.18 Seconds			
(17) Longitude 80 Degrees 41 Minutes 14.20 Seconds			
(98) Border Bridge State Code	% SHARE %		
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL -STEEL	Code 302		
Type - 2			
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	Code 000		
Type - OTHER OR N/A			
(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 - BITUMINOUS	Code 6		
B) Type of Membrane - UNKNOWN	Code 8		
C) Type of Deck Protection - UNKNOWN	Code 8		
AGE AND SERVICE			
(27) Year Built	1957		
(106) Year Reconstructed			
(42) Type of Service On -OVERPASS STRUCTURE AT AN INTE	Code 1		
Under - HIGHWAY, WITH OR WITHOUT PEDE			
(28) Lanes: On Structure = 4 Under Structure = 2			
(29) Average Daily Traffic	17600		
(30) Year of ADT 2016	(109) Truck ADT 08 %		
(19) Bypass, Detour Length	0 MI		
GEOMETRIC DATA			
(48) Length of Maximum Span	60 FT		
(49) Structure Length	180 FT		
(50) Curb or Sidewalk: Left 3.0FT Right 3.0FT			
(51) Bridge Roadway Width Curb to Curb	58 FT		
(52) Deck Width Out to Out	61.6 FT		
(32) Approach Roadway Width (W/Shoulders)	58 FT		
(33) Bridge Median -CLOSED NO BARRIER	Code 2		
(34) Skew 40 Deg (35) Structure Flared	NO		
(10) Inventory Route Min Vert Clear	99 FT 99 IN		
(47) Inventory Route Total Horz Clear	58.0 FT		
(53) Min Vert Clear Over Bridge Roadway	99 FT 99 IN		
(54) Min Vert Underclear Ref - HWY BENEATH	15 FT 1 IN		
(55) Min Lat Underclear Right Ref -HWY BENEATH	3.0 FT		
(56) Min Lat Underclear Left	0.0 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 Nav Min Vert Clear	FT		
(40) Navigation Horizontal Clearance	FT		
CLASSIFICATION			
(112) NBIS Bridge Length -	YES		
(104) Highway System - NHS	1		
(26) Functional Class - RURAL-PRIN ART-OTH	02		
(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 -YES	1		
(20) Toll - ON FREE ROAD	3		
(21) Maintain - SCDOT	1		
(22) Owner - SCDOT	1		
(37) Historical Significance - NOT DETERMINABLE	4		
CONDITION			
(58) Deck - SATISFACTORY	6		
(59) Superstructure - POOR	4		
(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 20	5		
(64) Operating Rating - LF	85		
(66) Inventory Rating - LF	51		
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5		
(41) Structure Open, Posted or Closed -	A		
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - MEETS MIN TOLER LIMITS	4		
(68) Deck Geometry	5		
(69) Underclearances, Vertical and Horizontal	3		
(71) Waterway Adequacy	N		
(72) Approach Roadway Alignment	8		
(36) Traffic Safety Features	1111		
(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	211.2 FT		
(94) Bridge Improvement Cost	\$18,000		
(95) Roadway Improvement Costs	\$5,000		
(96) Total Project Cost	\$27,000		
(97) Year of Improvement Cost Estimate	2017		
(114) Future ADT	30624		
(115) Year of Future ADT	2036		
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)		



NATIONAL BRIDGE INVENTORY
STRUCTURE INVENTORY AND APPRAISAL REPORT

IDENTIFICATION			
(1) State Name - SOUTH CAROLINA	Code 454	Sufficiency Rating = 55.4	
(8) Structure Number	# 0004020060100400	Functionally Obsolete = NO	
(5) Inventory Route (On/Under)	On - 121006010	Structurally Deficient = YES	
(2) State Highway Department District	1		
(3) County Code 79	(4) Place Code		
(6) Features Intersected	COLONELS CREEK		
(7) Facility Carried	US 601		
(9) Location	5MI W OF EASTOVER		
(11) Milepoint	16.907		
(12) Base Highway Network -PART OF NET	Code 1		
(13) LRS Inventory Route & Subroute	00US00601000		
(16) Latitude 33 Degrees 59 Minutes	2.24 Seconds		
(17) Longitude 80 Degrees 42 Minutes	17.06 Seconds		
(98) Border Bridge State Code	% SHARE %		
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL -STEEL CONT	Code 402		
Type - 2			
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	Code 000		
Type - OTHER OR N/A			
(45) Number of Spans in Main Unit	7		
(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 - BITUMINOUS	Code 6		
B) Type of Membrane - UNKNOWN	Code 8		
C) Type of Deck Protection - UNKNOWN	Code 8		
AGE AND SERVICE			
(27) Year Built	1939		
(106) Year Reconstructed	1972		
(42) Year of Service On - HIGHWAY			
Under - WATERWAY	Code 5		
(28) Lanes: On Structure = 2	Under Structure = 0		
(29) Average Daily Traffic	5200		
(30) Year of ADT 2016	(109) Truck ADT 08 %		
(19) Bypass, Detour Length	4 MI		
GEOMETRIC DATA			
(48) Length of Maximum Span	25 FT		
(49) Structure Length	176 FT		
(50) Curb or Sidewalk: Left 0.0 FT	Right 0.0 FT		
(51) Bridge Roadway Width Curb to Curb	44 FT		
(52) Deck Width Out to Out	46.6 FT		
(32) Approach Roadway Width (W/Shoulders)	44 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	44.0 FT		
(53) Min Vert Clear Over Bridge Roadway	99 FT 99 IN		
(54) Min Vert Underclear Ref - NOT HWY OR RX	0 FT 0 IN		
(55) Min Lat Underclear Right Ref -NOT HWY OR RXR	99.9 FT		
(56) Min Lat Underclear Left	0.0 FT		
NAVIGATION DATA			
(38) Navigation Control -NONE	Code 0		
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance	FT		
(116) Vert-Lift Bridge Nav Min Vert Clear	FT		
(40) Navigation Horizontal Clearance	FT		
CLASSIFICATION			
(112) NBIS Bridge Length -	YES		
(104) Highway System - NHS	1		
(26) Functional Class - RURAL-PRIN ART-OTH	02		
(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 DETERMINABLE	4		
CONDITION			
(58) Deck - GOOD	7		
(59) Superstructure - FAIR	5		
(60) Substructure - POOR	4		
(61) Channel and Channel Protection-BNK PRT ERD	5		
(62) Culverts - NOT APPLICABLE	N		
LOAD RATING AND POSTING			
(31) Design Load - H 15	2		
(64) Operating Rating - LF	40		
(66) Inventory Rating - LF	22		
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5		
(41) Structure Open, Posted or Closed -	A		
Description - OPEN, NO RESTRICT			
APPRAISAL			
(67) Structure Evaluation - MEETS MIN TOLER LIMITS	4		
(68) Deck Geometry	9		
(69) Underclearances, Vertical and Horizontal	N		
(71) Waterway Adequacy	9		
(72) Approach Roadway Alignment	8		
(36) Traffic Safety Features	1111		
(113) Scour Critical Bridges - FOUND ABOVE WATER ELE	9		
PROPOSED IMPROVEMENTS			
(75) Type of Work - REHAB/DETERIORATION	Code 351		
(76) Length of Structure Improvement	207.0 FT		
(94) Bridge Improvement Cost	\$307,000		
(95) Roadway Improvement Costs	\$15,000		
(96) Total Project Cost	\$338,000		
(97) Year of Improvement Cost Estimate	2017		
(114) Future ADT	9048		
(115) Year of Future ADT	2036		
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			
(1) State Name - SOUTH CAROLINA	Code 454	Sufficiency Rating = 67.4	
(8) Structure Number	# 0003220037800500	Functionally Obsolete = NO	
(5) Inventory Route (On/Under)	On - 121003782	Structurally Deficient = YES	
(2) State Highway Department District	1		
(3) County Code 63	(4) Place Code		
(6) Features Intersected	TWELVE MILE CREEK		
(7) Facility Carried	US 378		
(9) Location	3MI NE OF LEX		
(11) Milepoint	19.960		
(12) Base Highway Network -PART OF NET	Code 1		
(13) LRS Inventory Route & Subroute	00US00378000		
(16) Latitude 34 Degrees 0 Minutes	48.00 Seconds		
(17) Longitude 81 Degrees 10 Minutes	12.00 Seconds		
(98) Border Bridge State Code	% SHARE %		
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL -CONCRETE	Type - 4	Code 104	
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	Type - OTHER OR N/A	Code 000	
(45) Number of Spans in Main Unit	5		
(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 - BITUMINOUS	Code 6		
B) Type of Membrane - UNKNOWN	Code 8		
C) Type of Deck Protection - UNKNOWN	Code 8		
AGE AND SERVICE			
(27) Year Built	1941		
(106) Year Reconstructed	1977		
(42) Type of Service On - HIGHWAY			
Under - WATERWAY	Code 5		
(28) Lanes: On Structure = 4	Under Structure = 0		
(29) Average Daily Traffic	29400		
(30) Year of ADT 2016	(109) Truck ADT 08 %		
(19) Bypass, Detour Length	1 MI		
GEOMETRIC DATA			
(48) Length of Maximum Span	30 FT		
(49) Structure Length	150 FT		
(50) Curb or Sidewalk: Left 5.0FT	Right 5.0FT		
(51) Bridge Roadway Width Curb to Curb	64FT		
(52) Deck Width Out to Out	76.0FT		
(32) Approach Roadway Width (W/Shoulders)	64FT		
(33) Bridge Median -NONE	Code 0		
(34) Skew 0 Deg	(35) Structure Flared NO		
(10) Inventory Route Min Vert Clear	99FT 99IN		
(47) Inventory Route Total Horz Clear	64.0FT		
(53) Min Vert Clear Over Bridge Roadway	99FT 99 IN		
(54) Min Vert Underclear Ref - NOT HWY OR RX	0 FT 0 IN		
(55) Min Lat Underclear Right Ref -NOT HWY OR RXR	99.9FT		
(56) Min Lat Underclear Left	0.0FT		
NAVIGATION DATA			
(38) Navigation Control -NONE	Code 0		
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance	FT		
(116) Vert-Lift Bridge Nav Min Vert Clear	FT		
(40) Navigation Horizontal Clearance	FT		
CLASSIFICATION			
(112) NBIS Bridge Length -	YES		
(104) Highway System - NHS	1		
(26) Functional Class - URBAN-PRIN ART-OTH	13		
(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 - GOOD	7		
(59) Superstructure - POOR	4		
(60) Substructure - GOOD	7		
(61) Channel and Channel Protection -BNK PRT ERD	5		
(62) Culverts - NOT APPLICABLE	N		
LOAD RATING AND POSTING			
(31) Design Load - HS 15	3		
(64) Operating Rating - LF	54		
(66) Inventory Rating - LF	32		
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5		
(41) Structure Open, Posted or Closed - Description -OPEN, NO RESTRICT	A		
APPRAISAL			
(67) Structure Evaluation - MEETS MIN TOLER LIMITS	4		
(68) Deck Geometry	7		
(69) Underclearances, Vertical and Horizontal	N		
(71) Waterway Adequacy	9		
(72) Approach Roadway Alignment	8		
(36) Traffic Safety Features	1111		
(113) Scour Critical Bridges - SCOUR WITHIN LIMITS	5		
PROPOSED IMPROVEMENTS			
(75) Type of Work - REHAB/DETERIORATION	Code 351		
(76) Length of Structure Improvement	180.0 FT		
(94) Bridge Improvement Cost	\$303,000		
(95) Roadway Improvement Costs	\$15,000		
(96) Total Project Cost	\$333,000		
(97) Year of Improvement Cost Estimate	2017		
(114) Future ADT	46158		
(115) Year of Future ADT	2036		
INSPECTIONS			
(90) Inspection Date 10/2015	(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)			



Request for Proposal (RFP) Amendment Notification # 1

NOTICE TO ALL CONSULTING ENGINEERING FIRMS

Solicitation Number S-206-17:

US 76 Bridge Replacement over US 601 & US601 Bridge
Replacement over Colonels Creek and US 378 Bridge
Replacement over Twelve Mile Creek

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**.