



Request for Proposal (RFP) Amendment Notification # 1

NOTICE TO ALL CONSULTING ENGINEERING FIRMS

Solicitation Number S-229-18:

SC 160 / I-77 Interchange Reconfiguration in York County

SIA Report Attached Below

IDENTIFICATION			
(1) State Name - SOUTH CAROLINA	Code 454	Sufficiency Rating = 99.0	
(8) Structure Number # 0004640016000100	Asset ID 6408	Functionally Obsolete = NO	
(5) Inventory Route (On/Under)	On - 141001602	Structurally Deficient = NO	
(2) State Highway Department District	4		
(3) County Code 91	(4) Place Code		
(6) Features Intersected 1-77			
(7) Facility Carried SC 160			
(9) Location 1.0 MI W OF FORT MILL			
(11) Milepoint	3.910		
(12) Base Highway Network -PART OF NET	Code 1		
(13) LRS Inventory Route & Subroute	00SC00160000		
(16) Latitude 35 Degrees 1 Minutes 41.00 Seconds			
(17) Longitude 80 Degrees 57 Minutes 54.00 Seconds			
(98) Border Bridge State Code	% SHARE %		
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL -STEEL CONT			
Type - 2	Code 402		
(44) Structure Type Appr: MATERIAL -STEEL CONT			
Type - STRINGER/MULTI-BEAM OR GIRD	Code 402		
(45) Number of Spans in Main Unit	2		
(46) Number of Approach Spans	2		
(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	1973		
(106) Year Reconstructed			
(42) Type of Service On -OVERPASS STRUCTURE AT AN INTE			
Under - HIGHWAY, WITH OR WITHOUT PEDE	Code 1		
(28) Lanes: On Structure = 5 Under Structure = 4			
(29) Average Daily Traffic	29700		
(30) Year of ADT 2016 (109) Truck ADT	04 %		
(19) Bypass, Detour Length	0 MI		
GEOMETRIC DATA			
(48) Length of Maximum Span	96 FT		
(49) Structure Length	263 FT		
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT			
(51) Bridge Roadway Width Curb to Curb	86.7 FT		
(52) Deck Width Out to Out	89.7 FT		
(32) Approach Roadway Width (W/Shoulders)	86 FT		
(33) Bridge Median -CLOSED NO BARRIER	Code 2		
(34) Skew 30 Deg (35) Structure Flared	NO		
(10) Inventory Route Min Vert Clear	99 FT 99 IN		
(47) Inventory Route Total Horz Clear	86.7 FT		
(53) Min Vert Clear Over Bridge Roadway	99 FT 99 IN		
(54) Min Vert Underclear Ref - HWY BENEATH	17 FT 3 IN		
(55) Min Lat Underclear Right Ref -HWY BENEATH	31.0 FT		
(56) Min Lat Underclear Left	24.5 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 - 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 - 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			
(31) Design Load - HS 20	5		
(64) Operating Rating - AS	64		
(66) Inventory Rating - AS	38		
(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	9		
(69) Underclearances, Vertical and Horizontal	7		
(71) Waterway Adequacy	N		
(72) Approach Roadway Alignment	8		
(36) Traffic Safety Features	1011		
(113) Scour Critical Bridges - NOT OVER WATERWAY	N		
PROPOSED IMPROVEMENTS			
(75) Type of Work -	Code		
(76) Length of Structure Improvement	263.0 FT		
(94) Bridge Improvement Cost	\$0		
(95) Roadway Improvement Costs	\$0		
(96) Total Project Cost	\$0		
(97) Year of Improvement Cost Estimate	2017		
(114) Future ADT	38907		
(115) Year of Future ADT	2036		
INSPECTIONS			
(90) Inspection Date 06/2016 (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)			