

NATIONAL BRIDGE INVENTORY

IDENTIFICATION				Sufficiency Rating = 95.5			
(1) State Name- SOUTH CAROLINA	Code	454		Functionally Obsolete	=	NO	
(8) Structure Number # 0002720027800200	Asset ID	1190		Structurally Deficient	=	NO	
(5) Inventory Route (On/Under) On - 121002780							
(2) State Highway Department District		6		CLASSIFICATION			
(3) County Code 53	(4) Place Code			(112) NBIS Bridge Length -		YES	
(6) Features Intersected BEAVERDAM CREEK #1				(104) Highway System - NOT NHS		0	
(7) Facility Carried US 278/GRAYS HWY				(26) Functional System - RURAL-MIN ART		3	
(9) Location 1MI S OF GRAYS				(100) Strahnet Highway - NOT STRAH HWY		0	
(11) Milepoint 5.853				(101) Parallel Structure - NONE EXIST		N	
(12) Base Highway Network - PART OF NET	Code	1		(102) Direction of Traffic - 2-WAY TRAFFIC		2	
(13) LRS Inventory Route & Subroute 00US00278000				(103) Temporary Structure -			
(16) Latitude Degrees Minutes Seconds				(105) Federal Lands Highways - N/A		0	
(17) Longitude Degrees Minutes Seconds				(110) Designated National Network - NO		0	
(98) Border Bridge State Code % SHARE %				(20) Toll - ON FREE ROAD		3	
(99) Border Bridge Structure No. #				(21) Maintain - SCDOT		1	
STRUCTURE TYPE AND MATERIAL				(22) Owner - SCDOT		1	
(43) Structure Type Main: MATERIAL -	Type -	Code		(37) Historical Significance -			
(44) Structure Type Main: MATERIAL -	Type -	Code		CONDITION			
(45) Number of Spans in Main Unit				(58) Deck - NOT APPLICABLE		N	
(46) Number of Approach Spans				(59) Superstructure - NOT APPLICABLE		N	
(107) Deck Structure Type -	Code			(60) Substructure - NOT APPLICABLE		N	
(108) Wearing Surface / Protective System:				(61) Channel and Channel Protection - BNK PRT REPAIR		7	
A) Type of Wearing Surface -	Code			(62) Culverts - DETERIORATION		6	
B) Type of Membrane -	Code			LOAD RATING AND POSTING			
C) Type of Deck Protection -	Code			(31) Design Load -			
AGE AND SERVICE				(64) Operating Rating -			
(27) Year Built				(66) Inventory Rating -			
(106) Year Reconstructed				(70) Bridge Posting -			
(42) Type of Service On - HIGHWAY				(41) Structure Open, Posted or Closed -		A	
Under - WATERWAY	Code	5		Description - OPEN, NO RESTRICT			
(28) Lanes: On Structure = 2 Under Structure = 0				APPRAISAL			
(29) Average Daily Traffic 2200				(67) Structure Evaluation - MEETS MIN TOLER LIMITS		4	
(30) Year of ADT 2023	(109) Truck ADT	11 %		(68) Deck Geometry		7	
(19) Bypass, Detour Length 2.000 MI				(69) Underclearances, Vertical and Horizontal		N	
GEOMETRIC DATA				(71) Waterway Adequacy		6	
(48) Length of Maximum Span		FT		(72) Approach Roadway Alignment		8	
(49) Structure Length		FT		(36) Traffic Safety Features		NNNN	
(50) Curb or Sidewalk: Left FT Right FT				(113) Scour Critical Bridges - CALC SCOUR ABOVE FOOT		8	
(51) Bridge Roadway Width Curb to Curb		FT		PROPOSED IMPROVEMENTS			
(52) Deck Width Out to Out		FT		(75) Type of Work -		Code	
(32) Approach Roadway Width (W/Shoulders)		FT		(76) Length of Structure Improvement		21.8 FT	
(33) Bridge Median -	Code			(94) Bridge Improvement Cost		\$0.00	
(34) Skew Deg (35) Structure Flared				(95) Roadway Improvement Costs		\$0.00	
(10) Inventory Route Min Vert Clear	FT	IN		(96) Total Project Cost		\$0.00	
(47) Inventory Route Total Horz Clear		FT		(97) Year of Improvement Cost Estimate		2024	
(53) Min Vert Clear Over Bridge Roadway	FT	IN		(114) Future AADT		3498	
(54) Min Vert Underclear Ref -	0 FT	IN		(115) Year of Future AADT		2043	
(55) Min Lat Underclear Right Ref -		FT		INSPECTIONS			
(56) Min Lat Underclear Left		FT		(90) Inspection Date 11/2023	(91) Frequency	24 Mo	
NAVIGATION DATA				(92) Critical Feature Inspection:	(93) CFI Date		
(38) Navigation Control -	Code			A) Fracture Crit Detail	NO	Mo	A)
(111) Pier Protection -	Code			B) Underwater Insp	NO	Mo	B)
(39) Navigation Vertical Clearance		FT		C) Other Special Insp	NO	Mo	C)
(116) Vert-Lift Bridge Min Vert Clear		FT					
(40) Navigation Horizontal Clearance		FT					

NATIONAL BRIDGE INVENTORY

IDENTIFICATION				CLASSIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454		Sufficiency Rating	=	40.2	
(8) Structure Number # 0002720027800300	Asset ID	1191		Functionally Obsolete	=	NO	
(5) Inventory Route (On/Under) On - 121002780				Structurally Deficient	=	YES	
(2) State Highway Department District		6					
(3) County Code 53	(4) Place Code						
(6) Features Intersected BEAVERDAM CREEK #2							
(7) Facility Carried US 278							
(9) Location 1MI S OF GRAYS							
(11) Milepoint		5.863					
(12) Base Highway Network - PART OF NET	Code	1		(112) NBIS Bridge Length -		YES	
(13) LRS Inventory Route & Subroute		00US00278000		(104) Highway System - NOT NHS		0	
(16) Latitude Degrees Minutes Seconds				(26) Functional System - RURAL-MIN ART		3	
(17) Longitude Degrees Minutes Seconds				(100) Strahnet Highway - NOT STRAH HWY		0	
(98) Border Bridge State Code	% SHARE	%		(101) Parallel Structure - NONE EXIST		N	
(99) Border Bridge Structure No. #				(102) Direction of Traffic - 2-WAY TRAFFIC		2	
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) Structure Type Main: MATERIAL -	Type -	Code		(58) Deck - NOT APPLICABLE		N	
(44) Structure Type Main: MATERIAL -	Type -	Code		(59) Superstructure - NOT APPLICABLE		N	
(45) Number of Spans in Main Unit				(60) Substructure - NOT APPLICABLE		N	
(46) Number of Approach Spans				(61) Channel and Channel Protection - BANKS PROT		8	
(107) Deck Structure Type -	Code			(62) Culverts - INSIGNIFICANT DAMAGE		7	
(108) Wearing Surface / Protective System:				LOAD RATING AND POSTING			
A) Type of Wearing Surface -	Code			(31) Design Load -			
B) Type of Membrane -	Code			(64) Operating Rating -			
C) Type of Deck Protection -	Code			(66) Inventory Rating -			
AGE AND SERVICE				(70) Bridge Posting -			
(27) Year Built				(41) Structure Open, Posted or Closed -		A	
(106) Year Reconstructed				Description - OPEN, NO RESTRICT			
(42) Type of Service On - HIGHWAY				APPRAISAL			
Under - WATERWAY	Code	5		(67) Structure Evaluation - INTOLERABLE; HIGH PRI REPL		2	
(28) Lanes: On Structure = 2 Under Structure = 0				(68) Deck Geometry		6	
(29) Average Daily Traffic		2200		(69) Underclearances, Vertical and Horizontal			
(30) Year of ADT 2023	(109) Truck ADT	11 %		(71) Waterway Adequacy		6	
(19) Bypass, Detour Length		2.000 MI		(72) Approach Roadway Alignment		8	
GEOMETRIC DATA				(36) Traffic Safety Features		N000	
(48) Length of Maximum Span		FT		(113) Scour Critical Bridges - CALC SCOUR ABOVE FOOT		8	
(49) Structure Length		FT		PROPOSED IMPROVEMENTS			
(50) Curb or Sidewalk: Left FT Right FT				(75) Type of Work - REPLACE/LOAD CAPACITY	Code	311	
(51) Bridge Roadway Width Curb to Curb		FT		(76) Length of Structure Improvement		36.7 FT	
(52) Deck Width Out to Out		FT		(94) Bridge Improvement Cost		\$113,000.00	
(32) Approach Roadway Width (W/Shoulders)		FT		(95) Roadway Improvement Costs		\$28,000.00	
(33) Bridge Median -	Code			(96) Total Project Cost		\$170,000.00	
(34) Skew Deg (35) Structure Flared				(97) Year of Improvement Cost Estimate		2024	
(10) Inventory Route Min Vert Clear	FT	IN		(114) Future AADT		3498	
(47) Inventory Route Total Horz Clear		FT		(115) Year of Future AADT		2043	
(53) Min Vert Clear Over Bridge Roadway	FT	IN		INSPECTIONS			
(54) Min Vert Underclear Ref -	0 FT	IN		(90) Inspection Date	11/2023	(91) Frequency	24 Mo
(55) Min Lat Underclear Right Ref -		FT		(92) Critical Feature Inspection:		(93) CFI Date	
(56) Min Lat Underclear Left		FT		A) Fracture Crit Detail	NO	Mo	A)
NAVIGATION DATA				B) Underwater Insp	NO	Mo	B)
(38) Navigation Control -	Code			C) Other Special Insp	NO	Mo	C)
(111) Pier Protection - NAV PROT NOT REQ	Code	1					
(39) Navigation Vertical Clearance		FT					
(116) Vert-Lift Bridge Min Vert Clear		FT					
(40) Navigation Horizontal Clearance		FT					