

NATIONAL BRIDGE INVENTORY

IDENTIFICATION				CLASSIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454		Sufficiency Rating	=		
(8) Structure Number # 0004270003100200	Asset ID	4212		Functionally Obsolete	= NO		
(5) Inventory Route (On/Under)	On -	171000310		Structurally Deficient	= YES		
(2) State Highway Department District		3					
(3) County Code 83	(4) Place Code						
(6) Features Intersected PETERS CREEK							
(7) Facility Carried S-42-31							
(9) Location 4.5 MI SW COWPENS							
(11) Milepoint		5.398					
(12) Base Highway Network - NOT PART OF NET	Code	0		(112) NBIS Bridge Length -		YES	
(13) LRS Inventory Route & Subroute				(104) Highway System - NOT NHS		0	
(16) Latitude 34 Degrees 59 Minutes 53.53 Seconds				(26) Functional System - URBAN-MIN ART		14	
(17) Longitude 81 Degrees 52 Minutes 35.88 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	
				(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	
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) Structure Type Main: MATERIAL - PRESTRESSED CON				(58) Deck - FAIR		5	
Type - CHANNEL BEAM	Code	522		(59) Superstructure - FAIR		5	
(44) Structure Type Main: MATERIAL - CONCRETE				(60) Substructure - SERIOUS		3	
Type - SLAB	Code	101		(61) Channel and Channel Protection - BNK PRT REPAIR		7	
(45) Number of Spans in Main Unit		1		(62) Culverts - NOT APPLICABLE		N	
(46) Number of Approach Spans		8					
(107) Deck Structure Type - CONCRETE PRECAST PNL	Code	2		LOAD RATING AND POSTING			
(108) Wearing Surface / Protective System:				(31) Design Load -H 10		1	
A) Type of Wearing Surface - BITUMINOUS	Code	6		(64) Operating Rating - LRFR		10.37	
B) Type of Membrane - NONE	Code	0		(66) Inventory Rating - LRFR		4.86	
C) Type of Deck Protection - NONE	Code	0		(70) Bridge Posting - > 39.9% BELOW		0	
				(41) Structure Open, Posted or Closed -		K	
				Description - CLOSED TO TRAFFIC			
AGE AND SERVICE				APPRAISAL			
(27) Year Built		1963		(67) Structure Evaluation -			
(106) Year Reconstructed		0		(68) Deck Geometry			
(42) Type of Service On - HIGHWAY				(69) Underclearances, Vertical and Horizontal			
Under - WATERWAY	Code	5		(71) Waterway Adequacy		7	
(28) Lanes: On Structure = 2 Under Structure = 0				(72) Approach Roadway Alignment		8	
(29) Average Daily Traffic		11000		(36) Traffic Safety Features		0111	
(30) Year of ADT 2023	(109) Truck ADT	02 %		(113) Scour Critical Bridges - SCOUR CRIT, UNSTABLE		3	
(19) Bypass, Detour Length		2.000 MI		PROPOSED IMPROVEMENTS			
				(75) Type of Work - REPLACE/LOAD CAPACITY	Code	311	
				(76) Length of Structure Improvement		180.0 FT	
				(94) Bridge Improvement Cost		\$694,000.00	
				(95) Roadway Improvement Costs		\$174,000.00	
				(96) Total Project Cost		\$1,041,000.00	
				(97) Year of Improvement Cost Estimate		2024	
				(114) Future AADT		14410	
				(115) Year of Future AADT		2043	
GEOMETRIC DATA				INSPECTIONS			
(48) Length of Maximum Span		30 FT		(90) Inspection Date 08/2024	(91) Frequency	12 Mo	
(49) Structure Length		150 FT		(92) Critical Feature Inspection:	(93) CFI Date		
(50) Curb or Sidewalk: Left .0 FT Right .0 FT				A) Fracture Crit Detail	NO	Mo	A)
(51) Bridge Roadway Width Curb to Curb		37.1 FT		B) Underwater Insp	NO	Mo	B)
(52) Deck Width Out to Out		40.6 FT		C) Other Special Insp	NO	Mo	C) 7/24/2024
(32) Approach Roadway Width (W/Shoulders)		28 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		FT					
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN					
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	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					