

NATIONAL BRIDGE INVENTORY

IDENTIFICATION					
(1)State Name- SOUTH CAROLINA	Code	454			
(8)Structure Number # 0000270010500300	Asset ID	5198			
(5)Inventory Route (On/Under) On - 171001050					
(2)State Highway Department District 7					
(3)County Code 3	(4) Place Code				
(6)Features Intersected OVER I-20					
(7)Facility Carried S-2-105					
(9)Location 7.0 MI NW AIKEN					
(11)Milepoint 7.032					
(12)Base Highway Network - NOT PART OF NET	Code	0			
(13)LRS Inventory Route & Subroute					
(16)Latitude 33 Degrees 37 Minutes 15.3 Seconds					
(17)Longitude 81 Degrees 49 Minutes 26.65 Seconds					
(98)Border Bridge State Code	% SHARE	%			
(99)Border Bridge Structure No.	#				
STRUCTURE TYPE AND MATERIAL					
(43)Structure Type Main: MATERIAL - STEEL					
Type - STRINGER/MULTI-BEAM OR GIRD	Code	302			
(44)Structure Type Main: MATERIAL - PRESTRESSED CON					
Type - STRINGER/MULTI-BEAM OR GIRD	Code	502			
(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 - NONE	Code	0			
C)Type of Deck Protection - NONE	Code	0			
AGE AND SERVICE					
(27)Year Built 1968					
(106)Year Reconstructed					
(42)Type of Service On - HIGHWAY					
Under -HIGHWAY, WITH OR WITHOUT	Code	1			
(28)Lanes: On Structure = 2 Under Structure = 4					
(29)Average Daily Traffic 1550					
(30)Year of ADT 2024	(109)Truck ADT	03 %			
(19)Bypass, Detour Length 10.000 MI					
GEOMETRIC DATA					
(48)Length of Maximum Span 86 FT					
(49)Structure Length 264 FT					
(50)Curb or Sidewalk: Left .5 FT Right .5 FT					
(51)Bridge Roadway Width Curb to Curb 34 FT					
(52)Deck Width Out to Out 38.3 FT					
(32)Approach Roadway Width (W/Shoulders) 24 FT					
(33)Bridge Median - NONE	Code	0			
(34)Skew 2 Deg	(35) Struture Flared	NO			
(10)Inventory Route Min Vert Clear 18FT	2 IN				
(47)Inventory Route Total Horz Clear	FT				
(53)Min Vert Clear Over Bridge Roadway 99FT	99 IN				
(54)Min Vert Underclear Ref - HWY BENEATH 17FT	0 IN				
(55)Min Lat Underclear Right Ref - HWY BENEATH 28.0FT					
(56)Min Lat Underclear Left 25.5FT					
NAVIGATION DATA					
(38)Navigation Control - N/A - NO WATERWAY	Code	N			
(111)Pier Protection -	Code				
(39)Navigation Vertical Clearance	FT				
(116)Vert-Lift Bridge Min Vert Clear	FT				
(40)Navigation Horizontal Clearance	FT				
			Sufficiency Rating = 96.8		
			Functionally Obsolete = NO		
			Structurally Deficient = NO		
				CLASSIFICATION	
				(112)NBIS Bridge Length -	YES
				(104)Highway System - NOT NHS	0
				(26) Functional System - RURAL-MAJ COLL	4
				(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 - SATISFACTORY	6
				(59)Superstructure - GOOD	7
				(60)Substructure - GOOD	7
				(61)Channel and Channel Protection - N/A	N
				(62) Culverts - NOT APPLICABLE	N
				LOAD RATING AND POSTING	
				(31)Design Load -HS 15	3
				(64)Operating Rating - LRFR	45.04
				(66)Inventory Rating - LRFR	34.67
				(70)Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5
				(41) Structure Open, Posted or Closed -	A
				Description - OPEN, NO RESTRICT	
				APPRAISAL	
				(67) Structure Evaluation - BETTER THAN MIN CRITERIA	7
				(68) Deck Geometry	5
				(69) Underclearances, Vertical and Horizontal	9
				(71)Waterway Adequacy	N
				(72) Approach Roadway Alignment	8
				(36) Traffic Safety Features	001N
				(113)Scour Critical Bridges - NOT OVER WATERWAY	N
				PROPOSED IMPROVEMENTS	
				(75) Type of Work -	Code
				(76) Length of Structure Improvement	264.0 FT
				(94) Bridge Improvement Cost	\$0.00
				(95) Roadway Improvement Costs	\$0.00
				(96) Total Project Cost	\$0.00
				(97) Year of Improvement Cost Estimate	2025
				(114) Future AADT	1829
				(115) Year of Future AADT	2044
				INSPECTIONS	
				(90) Inspection Date 02/2025	(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)