

NATIONAL BRIDGE INVENTORY

IDENTIFICATION							
(1) State Name-	SOUTH CAROLINA	Code	454	Sufficiency Rating =			
(8) Structure Number #	0002670003100700	Asset ID	6308	Functionally Obsolete = YES			
(5) Inventory Route (On/Under)	On -	171000310		Structurally Deficient = YES			
(2) State Highway Department District			5	CLASSIFICATION			Code
(3) County Code	51	(4) Place Code		(112) NBIS Bridge Length -			YES
(6) Features Intersected	TOD SWAMP			(104) Highway System -	NOT NHS		0
(7) Facility Carried	S-26-31			(26) Functional System -	RURAL-MAJ COLL		4
(9) Location	8.5 MI S LORIS			(100) Strahnet Highway -	NOT STRAH HWY		0
(11) Milepoint			4.366	(101) Parallel Structure -	NONE EXIST		N
(12) Base Highway Network -	NOT PART OF NET	Code	0	(102) Direction of Traffic -	2-WAY TRAFFIC		2
(13) LRS Inventory Route & Subroute				(103) Temporary Structure -			
(16) Latitude	33 Degrees	54 Minutes	44.28 Seconds	(105) Federal Lands Highways -	N/A		0
(17) Longitude	78 Degrees	50 Minutes	17.8 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 - CONCRETE			(37) Historical Significance -	NOT ELIGIBLE		5
Type -	SLAB	Code	101	CONDITION			Code
(44) Structure Type Main:	MATERIAL - OTHER OR N/A			(58) Deck -	FAIR		5
Type -	OTHER OR N/A	Code	000	(59) Superstructure -	FAIR		5
(45) Number of Spans in Main Unit			3	(60) Substructure -	FAIR		5
(46) Number of Approach Spans			0	(61) Channel and Channel Protection -	BANKS PROT		8
(107) Deck Structure Type -	CONCRETE PRECAST PNL	Code	2	(62) Culverts -	NOT APPLICABLE		N
(108) Wearing Surface / Protective System:				LOAD RATING AND POSTING			Code
A) Type of Wearing Surface -	BITUMINOUS	Code	6	(31) Design Load -	H 10		1
B) Type of Membrane -	NONE	Code	0	(64) Operating Rating -	LF		26.57
C) Type of Deck Protection -	NONE	Code	0	(66) Inventory Rating -	LF		15.88
AGE AND SERVICE				(70) Bridge Posting -	20.0-29.9% BELOW		2
(27) Year Built			1973	(41) Structure Open, Posted or Closed -			P
(106) Year Reconstructed			0	Description -	POSTED FOR LOAD		
(42) Type of Service On -	HIGHWAY			APPRAISAL			Code
Under -	WATERWAY	Code	5	(67) Structure Evaluation -			
(28) Lanes: On Structure =	2	Under Structure =	0	(68) Deck Geometry			
(29) Average Daily Traffic			5200	(69) Underclearances, Vertical and Horizontal			
(30) Year of ADT	2023	(109) Truck ADT	04 %	(71) Waterway Adequacy			9
(19) Bypass, Detour Length			2.000 MI	(72) Approach Roadway Alignment			8
GEOMETRIC DATA				(36) Traffic Safety Features			0000
(48) Length of Maximum Span			15.000 FT	(113) Scour Critical Bridges -	UNKNOWN		U
(49) Structure Length			45.000 FT	PROPOSED IMPROVEMENTS			Code
(50) Curb or Sidewalk: Left .0 FT Right .0 FT				(75) Type of Work -	REPLACE/LOAD CAPACITY		311
(51) Bridge Roadway Width Curb to Curb			26.000 FT	(76) Length of Structure Improvement			67.5 FT
(52) Deck Width Out to Out			28.0 FT	(94) Bridge Improvement Cost			\$225,000.00
(32) Approach Roadway Width (W/Shoulders)			22.000 FT	(95) Roadway Improvement Costs			\$56,000.00
(33) Bridge Median -	NONE	Code	0	(96) Total Project Cost			\$338,000.00
(34) Skew	0 Deg	(35) Structure Flared	NO	(97) Year of Improvement Cost Estimate			2024
(10) Inventory Route Min Vert Clear	99 FT	99 IN		(114) Future AADT			7592
(47) Inventory Route Total Horz Clear			FT	(115) Year of Future AADT			2043
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN		INSPECTIONS			
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	IN		(90) Inspection Date	06/2023	(91) Frequency	24 Mo
(55) Min Lat Underclear Right Ref - NOT HWY OR RXR	.0 FT			(92) Critical Feature Inspection:		(93) CFI Date	
(56) Min Lat Underclear Left	.0 FT			A) Fracture Crit Detail	NO	Mo	A)
NAVIGATION DATA				B) Underwater Insp	NO	Mo	B)
(38) Navigation Control -	NONE	Code	0	C) Other Special Insp	NO	Mo	C)
(111) Pier Protection -		Code					
(39) Navigation Vertical Clearance		FT					
(116) Vert-Lift Bridge Min Vert Clear		0.000 FT					
(40) Navigation Horizontal Clearance		FT					

NATIONAL BRIDGE INVENTORY

IDENTIFICATION				CLASSIFICATION			
(1) State Name- SOUTH CAROLINA	Code	454		Sufficiency Rating	=		
(8) Structure Number # 0002670015400100	Asset ID	9211		Functionally Obsolete	= YES		
(5) Inventory Route (On/Under)	On -	171001540		Structurally Deficient	= YES		
(2) State Highway Department District		5					
(3) County Code 51	(4) Place Code						
(6) Features Intersected	Murrells Inlet Creek			(112) NBIS Bridge Length -		YES	
(7) Facility Carried	S-26-154			(104) Highway System - NOT NHS		0	
(9) Location	GARDEN CITY			(26) Functional System - URBAN-MAJOR-COLLECTOR		15	
(11) Milepoint		0.670		(100) Strahnet Highway - NOT STRAH HWY		0	
(12) Base Highway Network - NOT PART OF NET	Code	0		(101) Parallel Structure - NONE EXIST		N	
(13) LRS Inventory Route & Subroute				(102) Direction of Traffic - 2-WAY TRAFFIC		2	
(16) Latitude 33 Degrees 35 Minutes 0.62 Seconds				(103) Temporary Structure -			
(17) Longitude 78 Degrees 59 Minutes 53.34 Seconds				(105) Federal Lands Highways - N/A		0	
(98) Border Bridge State Code	% SHARE	%		(110) Designated National Network - NO		0	
(99) Border Bridge Structure No.	#			(20) Toll - ON FREE ROAD		3	
STRUCTURE TYPE AND MATERIAL				(21) Maintain - SCDOT		1	
(43) Structure Type Main: MATERIAL - CONCRETE CONT	Type -	SLAB	Code 201	(22) Owner - SCDOT		1	
(44) Structure Type Main: MATERIAL - OTHER OR N/A	Type -	OTHER OR N/A	Code 000	(37) Historical Significance - NOT ELIGIBLE		5	
(45) Number of Spans in Main Unit		3		CONDITION			
(46) Number of Approach Spans		0		(58) Deck - SERIOUS		3	
(107) Deck Structure Type - CONCRETE CAST-IN-PLC	Code	1		(59) Superstructure - SERIOUS		3	
(108) Wearing Surface / Protective System:				(60) Substructure - GOOD		7	
A) Type of Wearing Surface - MONO CONCRETE	Code	1		(61) Channel and Channel Protection - BANKS PROT		8	
B) Type of Membrane - NONE	Code	0		(62) Culverts - NOT APPLICABLE		N	
C) Type of Deck Protection - NONE	Code	0		LOAD RATING AND POSTING			
AGE AND SERVICE				(31) Design Load - HS 25+		9	
(27) Year Built		1997		(64) Operating Rating - LF		5.83	
(106) Year Reconstructed		0		(66) Inventory Rating - LF		3.56	
(42) Type of Service On - HIGHWAY				(70) Bridge Posting - > 39.9% BELOW		0	
Under - WATERWAY	Code	5		(41) Structure Open, Posted or Closed -		P	
(28) Lanes: On Structure = 2 Under Structure = 0				Description - POSTED FOR LOAD			
(29) Average Daily Traffic		2500		APPRAISAL			
(30) Year of ADT 2023	(109) Truck ADT	02 %		(67) Structure Evaluation -			
(19) Bypass, Detour Length		1.000 MI		(68) Deck Geometry			
GEOMETRIC DATA				(69) Underclearances, Vertical and Horizontal			
(48) Length of Maximum Span		23.000 FT		(71) Waterway Adequacy		9	
(49) Structure Length		69.000 FT		(72) Approach Roadway Alignment		8	
(50) Curb or Sidewalk: Left .0 FT Right .0 FT				(36) Traffic Safety Features		0111	
(51) Bridge Roadway Width Curb to Curb		27.500 FT		(113) Scour Critical Bridges - UNKNOWN		U	
(52) Deck Width Out to Out		30.4 FT		PROPOSED IMPROVEMENTS			
(32) Approach Roadway Width (W/Shoulders)		24.000 FT		(75) Type of Work - REPLACE/LOAD CAPACITY	Code	311	
(33) Bridge Median - NONE	Code	0		(76) Length of Structure Improvement		93.9 FT	
(34) Skew 0 Deg	(35) Structure Flared	NO		(94) Bridge Improvement Cost		\$289,000.00	
(10) Inventory Route Min Vert Clear	99 FT	99 IN		(95) Roadway Improvement Costs		\$72,000.00	
(47) Inventory Route Total Horz Clear		FT		(96) Total Project Cost		\$434,000.00	
(53) Min Vert Clear Over Bridge Roadway	99 FT	99 IN		(97) Year of Improvement Cost Estimate		2024	
(54) Min Vert Underclear Ref - NOT HWY OR RXR	0 FT	IN		(114) Future AADT		3350	
(55) Min Lat Underclear Right Ref - NOT HWY OR RXR	.0 FT			(115) Year of Future AADT		2043	
(56) Min Lat Underclear Left	.0 FT			INSPECTIONS			
NAVIGATION DATA				(90) Inspection Date 07/2023	(91) Frequency	12 Mo	
(38) Navigation Control - NONE	Code	0		(92) Critical Feature Inspection:	(93) CFI Date		
(111) Pier Protection -	Code			A) Fracture Crit Detail	NO	Mo	A)
(39) Navigation Vertical Clearance		FT		B) Underwater Insp	NO	Mo	B)
(116) Vert-Lift Bridge Min Vert Clear		0.000 FT		C) Other Special Insp	NO	Mo	C)
(40) Navigation Horizontal Clearance		FT					