

IDENTIFICATION			
(1)State Name-	SOUTH CAROLINA	Code	454
(8)Structure Number #	0004440004900100	Asset ID	579
(5)Inventory Route (On/Under)	On - 141000490		
(2)State Highway Department District	4		
(3)County Code	87	(4) Place Code	
(6)Features Intersected	TYGER RIVER		
(7)Facility Carried	SC 49		
(9)Location	8.1 MI SW OF UNION		
(11)Milepoint	7.189		
(12)Base Highway Network -	PART OF NET	Code	1
(13)LRS Inventory Route & Subroute	00SC00049000		
(16)Latitude	34 Degrees 39 Minutes 57.55 Seconds		
(17)Longitude	81 Degrees 44 Minutes 21.33 Seconds		
(98)Border Bridge State Code	% SHARE %		
(99)Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43)Structure Type Main:	MATERIAL - STEEL		
Type -	TRUSS-THRU	Code	310
(44)Structure Type Main:	MATERIAL - CONCRETE		
Type -	TEE BEAM	Code	104
(45)Number of Spans in Main Unit	9		
(46)Number of Approach Spans	0		
(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 -	UNKNOWN	Code	8
AGE AND SERVICE			
(27)Year Built	1931		
(106)Year Reconstructed	1972		
(42)Type of Service On -	HIGHWAY		
Under -	WATERWAY	Code	5
(28)Lanes: On Structure =	2	Under Structure =	0
(29)Average Daily Traffic	3100		
(30)Year of ADT	2021	(109)Truck ADT	11 %
(19)Bypass, Detour Length	6 MI		
GEOMETRIC DATA			
(48)Length of Maximum Span	76 FT		
(49)Structure Length	524 FT		
(50)Curb or Sidewalk:	Left .0 FT Right .0 FT		
(51)Bridge Roadway Width Curb to Curb	42.5 FT		
(52)Deck Width Out to Out	47.5 FT		
(32)Approach Roadway Width (W/Shoulders)	30 FT		
(33)Bridge Median -	NONE	Code	0
(34)Skew	0 Deg	(35)Struture Flared	NO
(10)Inventory Route Min Vert Clear	99 FT	99 IN	
(47)Inventory Route Total Horz Clear	42.5 FT		
(53)Min Vert Clear Over Bridge Roadway	99 FT	99 IN	
(54)Min Vert Underclear Ref -	NOT HWY OR RXR	0 FT	0 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		

Sufficiency Rating		=	36.4
Functionally Obsolete		=	NO
Structurally Deficient		=	YES
CLASSIFICATION		Code	
(112)NBIS Bridge Length -		YES	
(104)Highway System -	NOT NHS	0	
(26)Functional System -	RURAL-MIN ART	3	
(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 DETERMINABLE	4	
CONDITION		Code	
(58)Deck -	SATISFACTORY	6	
(59)Superstructure -	FAIR	5	
(60)Substructure -	SATISFACTORY	6	
(61)Channel and Channel Protection -	BNK SLUMPING	6	
(62)Culverts -	NOT APPLICABLE	N	
LOAD RATING AND POSTING		Code	
(31)Design Load -	HS 20	5	
(64)Operating Rating -	LRFR	4.86	
(66)Inventory Rating -	LRFR	3.56	
(70)Bridge Posting -	> 39.9% BELOW	0	
(41)Structure Open, Posted or Closed -		P	
Description -	POSTED FOR LOAD		
APPRAISAL		Code	
(67)Structure Evaluation -	INTOLERABLE; HIGH PRI REPL	2	
(68)Deck Geometry		6	
(69)Underclearances, Vertical and Horizontal		N	
(71)Waterway Adequacy		8	
(72)Approach Roadway Alignment		8	
(36)Traffic Safety Features		0111	
(113)Scour Critical Bridges -	SCOUR WITHIN LIMITS	5	
PROPOSED IMPROVEMENTS		Code	
(75)Type of Work -	REPLACE/LOAD CAPACITY	311	
(76)Length of Structure Improvement		548.9 FT	
(94)Bridge Improvement Cost		\$1,689,000.00	
(95)Roadway Improvement Costs		\$422,000.00	
(96)Total Project Cost		\$2,534,000.00	
(97)Year of Improvement Cost Estimate		2022	
(114)Future AADT		4929	
(115)Year of Future AADT		2041	
INSPECTIONS			
(90)Inspection Date	08/2021	(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	YES	Mo	24 C)
			12/1/2021