

IDENTIFICATION

(1)State Name-	SOUTH CAROLINA	Code	454
(8)Structure Number #	0003940012400100	Asset ID	1122
(5)Inventory Route (On/Under)	On -		141001240
(2)State Highway Department District			3
(3)County Code	77	(4) Place Code	
(6)Features Intersected	GEORGES CREEK		
(7)Facility Carried	SC 124		
(9)Location	6MI E OF EASLEY		
(11)Milepoint			0.328
(12)Base Highway Network -	NOT PART OF NET	Code	0
(13)LRS Inventory Route & Subroute			
(16)Latitude	34 Degrees	49 Minutes	58.78 Seconds
(17)Longitude	82 Degrees	29 Minutes	50.06 Seconds
(98)Border Bridge State Code		% SHARE	%
(99)Border Bridge Structure No.		#	

STRUCTURE TYPE AND MATERIAL

(43)Structure Type Main: MATERIAL - CONCRETE		
Type - TEE BEAM	Code	104
(44)Structure Type Main: MATERIAL - OTHER OR N/A		
Type - OTHER OR N/A	Code	000
(45)Number of Spans in Main Unit		7
(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	1940
(106)Year Reconstructed	1960
(42)Type of Service On - HIGHWAY-PEDESTRIAN	
Under -WATERWAY	Code 5
(28)Lanes: On Structure = 2	Under Structure = 0
(29)Average Daily Traffic	9900
(30)Year of ADT 2021	(109)Truck ADT 06 %
(19)Bypass, Detour Length	1 MI

GEOMETRIC DATA

(48)Length of Maximum Span	22	FT
(49)Structure Length	154	FT
(50)Curb or Sidewalk: Left .0 FT Right .0 FT		
(51)Bridge Roadway Width Curb to Curb	30.3	FT
(52)Deck Width Out to Out	36.3	FT
(32)Approach Roadway Width (W/Shoulders)	24.8	FT
(33)Bridge Median - NONE	Code	0
(34)Skew 0 Deg (35) Struture Flared		NO
(10)Inventory Route Min Vert Clear	99FT	99 IN
(47)Inventory Route Total Horz Clear	30.3	FT
(53)Min Vert Clear Over Bridge Roadway	99FT	99 IN
(54)Min Vert Underclear Ref - NOT HWY OR RXR	0FT	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 = 14.8
Functionally Obsolete = YES
Structurally Deficient = YES

– CLASSIFICATION

(112)NBIS Bridge Length -	YES
(104)Highway System - NOT NHS	0
(26) Functional System - URBAN-MIN ART	14
(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

(58)Deck	- GOOD	7
(59)Superstructure	- POOR	4
(60)Substructure	- POOR	4
(61)Channel and Channel Protection	- BNK SLUMPING	6
(62)Culverts	- NOT APPLICABLE	N

LOAD RATING AND POSTING

(31)Design Load	-H 15	2
(64)Operating Rating	-LRFR	10.04
(66)Inventory Rating	-LRFR	7.78
(70)Bridge Posting	-> 39.9% BELOW	0
(41) Structure Open, Posted or Closed -		P
Description - POSTED FOR LOAD		

APPRAISAL

(67) Structure Evaluation	- INTOLERABLE; HIGH PRI REPL	2
(68) Deck Geometry		3
(69) Underclearances, Vertical and Horizontal		N
(71) Waterway Adequacy		6
(72) Approach Roadway Alignment		8
(36) Traffic Safety Features		0111
(113) Scour Critical Bridges	- EROSION PROT ACT REQ	4

PROPOSED IMPROVEMENTS

(75) Type of Work - REPLACE/LOAD CAPACITY	Code	311
(76) Length of Structure Improvement		184.2 FT
(94) Bridge Improvement Cost		\$710,000.00
(95) Roadway Improvement Costs		\$178,000.00
(96) Total Project Cost		\$1,065,000.00
(97) Year of Improvement Cost Estimate		2022
(114) Future AADT		12573
(115) Year of Future AADT		2041

INSPECTIONS

(90) Inspection Date	06/2021	(91) Frequency	12 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