

IDENTIFICATION

(1) State Name - SOUTH CAROLINA Code 454
(8) Structure Number # 0004670002200300
(5) Inventory Route (On/Under) On - 171000220
(2) State Highway Department District 4
(3) County Code 91 (4) Place Code
(6) Features Intersected STEEL CREEK
(7) Facility Carried S-46-22
(9) Location 5.6 MI N FORT MILL
(11) Milepoint 4.200
(12) Base Highway Network -NOT PART OF NET Code 0
(13) LRS Inventory Route & Subroute
(16) Latitude 35 Degrees 5 Minutes 22.00 Seconds
(17) Longitude 80 Degrees 57 Minutes 16.00 Seconds
(98) Border Bridge State Code % SHARE %
(99) Border Bridge Structure No. #

STRUCTURE TYPE AND MATERIAL

(43) Structure Type Main:MATERIAL -CONCRETE
Type - 1 Code 101
(44) Structure Type Appr:MATERIAL -OTHER OR N/A
Type - OTHER OR N/A Code 000
(45) Number of Spans in Main Unit 12
(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 - UNKNOWN Code 8
C) Type of Deck Protection - UNKNOWN Code 8

AGE AND SERVICE

(27) Year Built 1974
(106) Year Reconstructed
(42) Type of Service On -HIGHWAY
Under - WATERWAY Code 5
(28) Lanes: On Structure = 2 Under Structure = 0
(29) Average Daily Traffic 7900
(30) Year of ADT 2009 (109) Truck ADT 05 %
(19) Bypass, Detour Length 2 MI

GEOMETRIC DATA

(48) Length of Maximum Span 15 FT
(49) Structure Length 180 FT
(50) Curb or Sidewalk: Left 0.7 FT Right 0.7 FT
(51) Bridge Roadway Width Curb to Curb 31.7 FT
(52) Deck Width Out to Out 33.0 FT
(32) Approach Roadway Width (W/Shoulders) 33 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 31.7 FT
(53) Min Vert Clear Over Bridge Roadway 99 FT 99 IN
(54) Min Vert Underclear Ref -NOT HWY OR R 0 FT 0 IN
(55) Min Lat Underclear Right Ref -NOT HWY OR RXR 99.9 FT
(56) Min Lat Underclear Left 0.0 FT

NAVIGATION DATA

(38) Navigation Control -NONE Code 0
(111) Pier Protection - Code
(39) Navigation Vertical Clearance FT
(116) Vert-Lift Bridge Nav Min Vert Clear FT
(40) Navigation Horizontal Clearance FT

Sufficiency Rating = 41.4
Functionally Obsolete = YES
Structurally Deficient = YES

CLASSIFICATION

(112) NBIS Bridge Length - YES
(104) Highway System -NOT NHS 0
(26) Functional Class - URBAN-COLLECTOR 15
(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 - POOR 4
(59) Superstructure - POOR 4
(60) Substructure - FAIR 5
(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 - LF 33
(66) Inventory Rating - LF 20
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(41) Structure Open, Posted or Closed -
Description -OPEN, NO RESTRICT A

APPRAISAL

(67) Structure Evaluation - MEETS MIN TOLER LIMITS 4
(68) Deck Geometry 3
(69) Underclearances, Vertical and Horizontal N
(71) Waterway Adequacy 7
(72) Approach Roadway Alignment 6
(36) Traffic Safety Features 0000
(113) Scour Critical Bridges- UNKNOWN U

PROPOSED IMPROVEMENTS

(75) Type of Work -REPLACE/LOAD CAPACITY Code 311
(76) Length of Structure Improvement 211.2 FT
(94) Bridge Improvement Cost \$814,000
(95) Roadway Improvement Costs \$204,000
(96) Total Project Cost \$1,221,000
(97) Year of Improvement Cost Estimate 2010
(114) Future ADT 15168
(115) Year of Future ADT 2029

INSPECTIONS

(90) Inspection Date 05/2009 (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)