



IDENTIFICATION

(1) State Name - SOUTH CAROLINA Code 454
(8) Structure Number # 0001270007700100
(5) Inventory Route (On/Under) On - 171000770
(2) State Highway Department District 4
(3) County Code 23 (4) Place Code
(6) Features Intersected FISHING CREEK
(7) Facility Carried S-12-77
(9) Location 4.5MI N GREAT FALLS
(11) Milepoint 1.040
(12) Base Highway Network -NOT PART OF NET Code 0
(13) LRS Inventory Route & Subroute
(16) Latitude 34 Degrees 38 Minutes 13.00 Seconds
(17) Longitude 80 Degrees 55 Minutes 39.00 Seconds
(98) Border Bridge State Code % SHARE %
(99) Border Bridge Structure No. #

Sufficiency Rating = 43.0
Functionally Obsolete = NO
Structurally Deficient = YES

CLASSIFICATION

(112) NBIS Bridge Length - YES
(104) Highway System -NOT NHS 0
(26) Functional Class - RURAL-LOCAL 09
(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

STRUCTURE TYPE AND MATERIAL

(43) Structure Type Main:MATERIAL STEEL
Type - 2 Code 302
(44) Structure Type Appr:MATERIAL CONCRETE
Type - SLAB Code 101
(45) Number of Spans in Main Unit 2
(46) Number of Approach Spans 19
(107) Deck Structure Type -CONCRETE PRECAST PNL Code 2
(108) Wearing Surface / Protective System:
A) Type of Wearing Surface - BITUMINOUS Code 6
B) Type of Membrane - UNKNOWN Code 8
C) Type of Deck Protection - UNKNOWN Code 8

CONDITION

(58) Deck - FAIR 5
(59) Superstructure - FAIR 5
(60) Substructure - POOR 4
(61) Channel and Channel Protection-BNK SLUMPING 6
(62) Culverts - NOT APPLICABLE N

AGE AND SERVICE

(27) Year Built 1966
(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 300
(30) Year of ADT 2008 (109) Truck ADT 06 %
(19) Bypass, Detour Length 5 MI

LOAD RATING AND POSTING

(31) Design Load - H 10 1
(64) Operating Rating - AS 33
(66) Inventory Rating - AS 20
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(41) Structure Open, Posted or Closed -
Description -OPEN, NO RESTRICT A

GEOMETRIC DATA

(48) Length of Maximum Span 45 FT
(49) Structure Length 375 FT
(50) Curb or Sidewalk: Left 0.7 FT Right 0.7 FT
(51) Bridge Roadway Width Curb to Curb 26.1 FT
(52) Deck Width Out to Out 27.6 FT
(32) Approach Roadway Width (W/Shoulders) 34 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 26.1 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

APPRAISAL

(67) Structure Evaluation - MEETS MIN TOLER LIMITS 4
(68) Deck Geometry 5
(69) Underclearances, Vertical and Horizontal N
(71) Waterway Adequacy 8
(72) Approach Roadway Alignment 7
(36) Traffic Safety Features 0000
(113) Scour Critical Bridges- SCOUR WITHIN LIMITS 5

PROPOSED IMPROVEMENTS

(75) Type of Work -REPLACE/LOAD CAPACITY Code 311
(76) Length of Structure Improvement 407.3 FT
(94) Bridge Improvement Cost \$1,094,000
(95) Roadway Improvement Costs \$274,000
(96) Total Project Cost \$1,641,000
(97) Year of Improvement Cost Estimate 2009
(114) Future ADT 384
(115) Year of Future ADT 2028

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

INSPECTIONS

(90) Inspection Date 03/2009 (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 NO Mo C)