

IDENTIFICATION

(1) State Name - SOUTH CAROLINA Code 454  
(8) Structure Number # 0002940020000500  
(5) Inventory Route (On/Under) On - 141002000  
(2) State Highway Department District 4  
(3) County Code 57 (4) Place Code  
(6) Features Intersected CANE CREEK  
(7) Facility Carried SC 200  
(9) Location 6.0 MI N OF LANCASTER  
(11) Milepoint 18.410  
(12) Base Highway Network -NOT PART OF NET Code 0  
(13) LRS Inventory Route & Subroute  
(16) Latitude 34 Degrees 47 Minutes 52.00 Seconds  
(17) Longitude 80 Degrees 44 Minutes 42.00 Seconds  
(98) Border Bridge State Code % SHARE %  
(99) Border Bridge Structure No. #

Sufficiency Rating = 45.8  
Functionally Obsolete = NO  
Structurally Deficient = YES

CLASSIFICATION Code

(112) NBIS Bridge Length - YES  
(104) Highway System -NOT NHS 0  
(26) Functional Class - RURAL-MAJ COLL 04  
(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

STRUCTURE TYPE AND MATERIAL

(43) Structure Type Main:MATERIAL -CONCRETE  
Type - 4 Code 104  
(44) Structure Type Appr: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 - BITUMINOUS Code 6  
B) Type of Membrane - UNKNOWN Code 8  
C) Type of Deck Protection - UNKNOWN Code 8

CONDITION Code

(58) Deck - FAIR 5  
(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 Code

(31) Design Load - HS 15 3  
(64) Operating Rating - AS 35  
(66) Inventory Rating - AS 27  
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5  
(41) Structure Open, Posted or Closed -  
Description -OPEN, NO RESTRICT A

AGE AND SERVICE

(27) Year Built 1938  
(106) Year Reconstructed 1958  
(42) Type of Service On -HIGHWAY  
Under - WATERWAY Code 5  
(28) Lanes: On Structure = 2 Under Structure = 0  
(29) Average Daily Traffic 2800  
(30) Year of ADT 2008 (109) Truck ADT 05 %  
(19) Bypass, Detour Length 3 MI

APPRAISAL Code

(67) Structure Evaluation - MEETS MIN TOLER LIMITS 4  
(68) Deck Geometry 4  
(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

GEOMETRIC DATA

(48) Length of Maximum Span 22 FT  
(49) Structure Length 154 FT  
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT  
(51) Bridge Roadway Width Curb to Curb 28.3 FT  
(52) Deck Width Out to Out 33.5 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 28.3 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

PROPOSED IMPROVEMENTS

(75) Type of Work -REPLACE/LOAD CAPACITY Code 311  
(76) Length of Structure Improvement 184.2 FT  
(94) Bridge Improvement Cost \$567,000  
(95) Roadway Improvement Costs \$142,000  
(96) Total Project Cost \$851,000  
(97) Year of Improvement Cost Estimate 2009  
(114) Future ADT 4088  
(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 09/2008 (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)