

IDENTIFICATION

(1) State Name - SOUTH CAROLINA Code 454
(8) Structure Number # 0001110008510500
(5) Inventory Route (On/Under) On - 111000851
(2) State Highway Department District 4
(3) County Code 21 (4) Place Code
(6) Features Intersected SOUTHERN RAILROAD
(7) Facility Carried I-85
(9) Location 4.0 MI N OF BLACKSBURG
(11) Milepoint 104.730
(12) Base Highway Network -PART OF NET Code 1
(13) LRS Inventory Route & Subroute 001-00085000
(16) Latitude 35 Degrees 9 Minutes 35.00 Seconds
(17) Longitude 81 Degrees 28 Minutes 2.00 Seconds
(98) Border Bridge State Code % SHARE %
(99) Border Bridge Structure No. #

Sufficiency Rating = 76.0
Functionally Obsolete = NO
Structurally Deficient = NO

CLASSIFICATION Code

(112) NBIS Bridge Length - YES
(104) Highway System - NHS 1
(26) Functional Class - RURAL-PRIN ART-INT 01
(100) Strahnet Highway - STRAH HWY 1
(101) Parallel Structure - RIGHT STRUCT R
(102) Direction of Traffic - 1-WAY TRAFFIC 1
(103) Temporary Structure -
(105) Federal Lands Highways -N/A 0
(110) Designated National Network - YES 1
(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 -STEEL
Type - 2 Code 302
(44) Structure Type Appr: MATERIAL -STEEL
Type - STRINGER/MULTI-BEAM OR GIRD Code 302
(45) Number of Spans in Main Unit 3
(46) Number of Approach Spans 2
(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 - SATISFACTORY 6
(59) Superstructure - SATISFACTORY 6
(60) Substructure - SATISFACTORY 6
(61) Channel and Channel Protection - N/A N
(62) Culverts - NOT APPLICABLE N

AGE AND SERVICE

(27) Year Built 1958
(106) Year Reconstructed
(42) Type of Service On -HIGHWAY
Under - RAILROAD Code 2
(28) Lanes: On Structure = 2 Under Structure = 0
(29) Average Daily Traffic 20900
(30) Year of ADT 2009 (109) Truck ADT 18 %
(19) Bypass, Detour Length 1 MI

LOAD RATING AND POSTING Code

(31) Design Load - HS 20 5
(64) Operating Rating - LF 75
(66) Inventory Rating - LF 45
(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 57 FT
(49) Structure Length 257 FT
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT
(51) Bridge Roadway Width Curb to Curb 30.4 FT
(52) Deck Width Out to Out 37.5 FT
(32) Approach Roadway Width (W/Shoulders) 47 FT
(33) Bridge Median -OPEN Code 1
(34) Skew 50 Deg (35) Structure Flared NO
(10) Inventory Route Min Vert Clear 99 FT 99 IN
(47) Inventory Route Total Horz Clear 30.4 FT
(53) Min Vert Clear Over Bridge Roadway 99 FT 99 IN
(54) Min Vert Underclear Ref - RXR BENEATH 24 FT 8 IN
(55) Min Lat Underclear Right Ref -RXR BENEATH 11.5 FT
(56) Min Lat Underclear Left 0.0 FT

APPRAISAL Code

(67) Structure Evaluation - EQUAL TO MIN CRITERIA 6
(68) Deck Geometry 4
(69) Underclearances, Vertical and Horizontal 5
(71) Waterway Adequacy N
(72) Approach Roadway Alignment 8
(36) Traffic Safety Features 0111
(113) Scour Critical Bridges - NOT OVER WATERWAY N

PROPOSED IMPROVEMENTS

(75) Type of Work - Code
(76) Length of Structure Improvement 257.0 FT
(94) Bridge Improvement Cost \$0
(95) Roadway Improvement Costs \$0
(96) Total Project Cost \$0
(97) Year of Improvement Cost Estimate 2010
(114) Future ADT 36575
(115) Year of Future ADT 2029

NAVIGATION DATA

(38) Navigation Control -N/A - NO WATERWAY Code N
(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 01/2010 (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)