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THE OFFICE OF BRIDGE MAINTENANCE

NATIONAL BRIDGE INVENTORY STRUCTURE INVENTORY AND APPRAISAL REPORT

| IDENTIFICATION (1)State Name- SOUTH CAROLINA Code 454 | |
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| (8)Structure Number # 0001820001501100 Asset ID 335 | Sufficiency Rating = 35.3 Functionally Obsolete = NO |
| (5)Inventory Route (On/Under) On - 121000150 | Structurally Deficient = YES |
| (2)State Highway Department District 6 | |
| (3)County Code 35 (4) Place Code | CLASSIFICATION Code - |
| (6)Features Intersected INDIAN FIELD SWAMP | (112)NBIS Bridge Length - YES |
| (7)Facility Carried US 15 | (104) Highway System - NOT NHS 0 |
| (9)Location 4.5 MI N OF ST GEORGE | (26) Functional System - RURAL-MIN ART 3 |
| (11)Milepoint 12.940 | (100) Strahnet Highway - NOT STRAH HWY 0 |
| (12)Base Highway Network - PART OF NET Code 1 | (101) Parallel Structure - NONE EXIST N |
| (13)LRS Inventory Route & Subroute 00US00015000 | (102) Direction of Traffic - 2-WAY TRAFFIC 2 |
| (16)Latitude 33 Degrees 13 Minutes 46.92 Seconds | (103)Temporary Structure - |
| (17)Longitude 80 Degrees 32 Minutes 23.26 Seconds | (105)Federal Lands Highways - N/A 0 |
| (98)Border Bridge State Code % SHARE % | (110) Designated National Network - NO 0 |
| (99)Border Bridge Structure No. # | (20)Toll - ON FREE ROAD 3 |
| STRUCTURE TYPE AND MATERIAL | (21)Maintain - SCDOT |
| (43)Structure Type Main: MATERIAL - CONCRETE | (22)Owner - SCDOT |
| Type -TEE BEAMCode104 | (37) Historical Significance - NOT ELIGIBLE 5 |
| (44)Structure Type Main: MATERIAL - OTHER OR N/A | |
| Type - OTHER OR N/A Code 000 | CONDITION Code - |
| (45)Number of Spans in Main Unit 2 | (58)Deck - SATISFACTORY 6 |
| (46)Number of Approach Spans 0 | (59)Superstructure - POOR 4 |
| (107) Deck Structure Type - CONCRETE CAST-IN-PLC Code 1 | (60) Substructure - SATISFACTORY6(61) Channel and Channel Protection - BNK PRT REPAIR7 |
| (108)Wearing Surface / Protective System: | (62) Culverts - NOT APPLICABLE N |
| A)Type of Wearing Surface - BITUMINOUS Code 6 B)Type of Membrane - UNKNOWN Code 8 | (02) Curvents - NOT APPLICABLE |
| B)Type of Membrane - UNKNOWN Code 8 C)Type of Deck Protection - UNKNOWN Code 8 | LOAD RATING AND POSTING Code - |
| | (31) Design Load -H 15 2 |
| AGE AND SERVICE | (64) Operating Rating - FIELD EVAL 33 |
| (27)Year Built 1929 | (66) Inventory Rating - FIELD EVAL 22 |
| (106) Year Reconstructed 1938 | (70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5 |
| (42)Type of Service On - HIGHWAY Under - WATERWAY Code 5 | (41) Structure Open, Posted or Closed - P |
| (28)Lanes: On Structure = 2 Under Structure = 0 | Description - POSTED FOR LOAD |
| (29)Average Daily Traffic 1938 | |
| (30)Year of ADT 2017 (109)Truck ADT 05 % | APPRAISAL — Code – |
| (19)Bypass, Detour Length 27 MI | (67) Structure Evaluation - MEETS MIN TOLER LIMITS 4 |
| | (68) Deck Geometry 4 |
| GEOMETRIC DATA (48)Length of Maximum Span 34 FT | (69) Underclearances, Vertical and Horizontal N |
| (49)Structure Length 68 FT | (71) Waterway Adequacy 6 |
| (50)Curb or Sidewalk: Left .0 FT Right .0 FT | (72) Approach Roadway Alignment 8 |
| (51)Bridge Roadway Width Curb to Curb 32 FT | (36) Traffic Safety Features 0000 |
| (52)Deck Width Out to Out 34.0 FT | (113) Scour Critical Bridges - CALC SCOUR ABOVE FOOT 8 |
| (32)Approach Roadway Width (W/Shoulders) 34 FT | PROPOSED IMPROVEMENTS |
| (33)Bridge Median - NONE Code 0 | (75) Type of Work - REPLACE/LOAD CAPACITY Code 311 |
| (34)Skew 0 Deg (35) Struture Flared NO | (76) Length of Structure Improvement 92.8 FT |
| (10)Inventory Route Min Vert Clear 99 FT 99 IN | (94) Bridge Improvement Cost \$310,000.00 |
| (47)Inventory Route Total Horz Clear 32.0 FT | (95) Roadway Improvement Costs \$78,000.00 |
| (53)Min Vert Clear Over Bridge Roadway 99 FT 99 IN | (96) Total Project Cost \$465,000.00 |
| (54)Min Vert Underclear Ref - NOT HWY OR RXR 0FT 0 IN | (97) Year of Improvement Cost Estimate 2019 |
| (55)Min Lat Underclear Right Ref-NOT HWY OR RXR 99.9FT | (114) Future AADT 5406 |
| (56)Min Lat Underclear Left .0FT | (115) Year of Future AADT 2037 |
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| (38)Navigation Control - NONE Code 0 | (90) Inspection Date 04/2018 (91) Frequency 12 Mo |
| (111)Pier Protection - Code | (92) Critical Feature Inspection: (93) CFI Date |
| (39)Navigation Vertical Clearance FT | A) Fracture Crit Detail NO Mo A) |
| (116)Vert-Lift Bridge Min Vert Clear FT | B) Underwater Insp NO Mo B) |
| (40)Navigation Horizontal Clearance FT | C) Other Special Insp NO Mo C) |
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