THE OFFICE OF BRIDGE MAINTENANCE STRUCTURE INVENTORY AND APPRAISAL REPORT

| | IDENTIFICATION — | |
|-------|---|--|
| (1) | State Name - SOUTH CAROLINA Code 454 | Sufficiency Rating = 69.6 |
| | Structure Number # 0003870005000200 Asset ID 3429 | Functionally Obsolete = NO |
| | Inventory Route (On/Under) On - 171000500 | Structurally Deficient = NO |
| | State Highway Department District 7 | |
| | County Code 75 (4) Place Code | CLASSIFICATION ————Code |
| | Features Intersected 1-26 | (112) NBIS Bridge Length - YES |
| | Facility Carried S-38-50 | (104) Highway System - NOT NHS 0 |
| | Location 7 MI E ORANGEBURG | (26) Functional Class - RURAL-MAJ COLL 04 |
| | Milepoint 4.453 | (100) Strahnet Highway - NOT STRAH HWY 0 |
| | Base Highway Network -NOT PART OF NET Code 0 | (101) Parallel Structure - NONE EXIST N |
| | LRS Inventory Route & Subroute | (102) Direction of Traffic - 2-WAY TRAFFIC 2 |
| | Latitude 33 Degrees 28 Minutes 14.11 Seconds | (103) Temporary Structure - |
| | Longitude 80 Degrees 44 Minutes 47.21 Seconds | (105) Federal Lands Highways ·N/A |
| | Border Bridge State Code % SHARE % | (110) Designated National Network -NO 0 |
| | Border Bridge Structure No. # | (20) Toll - ON FREE ROAD 3 |
| (, | STRUCTURE TYPE AND MATERIAL | (21) Maintain - SCDOT |
| | | (22) Owner - SCDOT |
| (43) | Structure Type Main: MATERIAL -PRESTRESSED CON | (37) Historical Significance - NOT ELIGIBLE 5 |
| | Type - 2 Code 502 | |
| (44) | Structure Type Appr: MATERIAL -OTHER OR N/A | |
| /4= | Type - OTHER OR N/A Code 000 | (58) Deck - GOOD 7 |
| | Number of Spans in Main Unit 5 | (59) Superstructure - SATISFACTORY 6 |
| | Number of Approach Spans 0 | (60) Substructure - FAIR 5 |
| 1 | Deck Structure Type - CONCRETE CAST-IN-PLC Code 1 | (61) Channel and Channel Protection - N/A N |
| | Wearing Surface / Protective System: | (62) Culverts - NOT APPLICABLE N |
| - | Type of Wearing Surface - MONO CONCRETE Code 1 Type of Membrane - UNKNOWN Code 8 | LOAD RATING AND POSTING———Code— |
| | Type of Deck Protection - UNKNOWN Code 8 | (31) Design Load - HS 15 3 |
| | | (64) Operating Rating - AS 39 |
| (27) | AGE AND SERVICE | (66) Inventory Rating - AS 28 |
| | Year Built 1960 Year Reconstructed | (70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5 |
| 1 | | (41) Structure Open, Posted or Closed - A |
| (42) | Type of Service On -HIGHWAY Under - HIGHWAY, WITH OR WITHOUT PEDESCOde 1 | Description - OPEN, NO RESTRICT |
| (28) | Lanes: On Structure = 2 Under Structure = 4 | APPRAISAL —————Code |
| , , , | Average Daily Traffic 425 | AFFRAISAL ——Code |
| | Year of ADT 2017 (109) Truck ADT 05 % | (67) Structure Evaluation - BETTER THAN ADEQUACY 5 |
| | Bypass, Detour Length 2 MI | (68) Deck Geometry 5 |
| (10) | | (69) Underclearances, Vertical and Horizontal |
| (10) | GEOMETRIC DATA | (71) Waterway Adequacy |
| | Length of Maximum Span 60 FT | (72) Approach Roadway Alignment 7 |
| | Structure Length 266FT | (36) Traffic Safety Features 0010 |
| | Curb or Sidewalk: Left 0.0 FT Right 0.0 FT | (113) Scour Critical Bridges - NOT OVER WATERWAY N |
| | Bridge Roadway Width Curb to Curb 26FT | |
| | Deck Width Out to Out 30.0FT | PROPOSED IMPROVEMENTS |
| 1 | Approach Roadway Width (W/Shoulders) 36FT Bridge Median - NONE Code 0 | (75) Type of Work - Code |
| 1 | Bridge Median - NONE Code 0 Skew 12 Deg (35) Structure Flared NO | (76) Length of Structure Improvement 266.0 FT |
| | Inventory Route Min Vert Clear 99 FT 99 IN | (94) Bridge Improvement Cost \$0 |
| | Inventory Route Total Horz Clear 26.0 FT | (95) Roadway Improvement Costs \$0 |
| | Min Vert Clear Over Bridge Roadway 99FT 99 IN | (96) Total Project Cost \$0 |
| | Min Vert Underclear Ref - HWY BENEATH 16 FT 10 IN | (97) Year of Improvement Cost Estimate 2018 |
| | Min Lat Underclear Right Ref -HWY BENEATH 10.5 FT | (114) Future ADT 621 |
| | Min Lat Underclear Left 14.0 FT | (115) Year of Future ADT 2037 |
| (34) | NAVIGATION DATA | INSPECTIONS — |
| (30) | | |
| | Navigation Control -N/A - NO WATERWAY Code N Pier Protection - Code | (90) Inspection Date 12/2016 (91) Frequency 24 Mo |
| | Pier Protection - Code Navigation Vertical Clearance FT | (92) Critical Feature Inspection: (93) CFI Date A) Fracture Crit Detail NO Mo A) |
| | Vert-Lift Bridge Nav Min Vert Clear FT | · |
| 1 | Navigation Horizontal Clearance FT | |
| (40) | Navigation nonzontal Clearance F1 | C) Other Special Insp NO Mo C) |