

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80600001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LURAY RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **.1 MI N OF CHESTER CO LN**

COUNTY: **HENDERSON**  
 ROUTE: **00882**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.10**  
 SUFFICIENCY RATING: **72.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.59019 DEGREES**  
 (17a,b) LONGITUDE: **W 88.57486 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **112.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **112.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$126,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$13,000.00**  
 (96) TOTAL PROJECT COST: **\$190,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A7260001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CECIL WALLS RD.**  
 CROSSING: **PIGHAM CREEK**  
 LOCATION: **1.5 MI S OF CARROLL CO**

COUNTY: **HENDERSON**  
 ROUTE: **00892**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.85**  
 SUFFICIENCY RATING: **93.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81486 DEGREES**  
 (17a,b) LONGITUDE: **W 88.41397 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2006**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **31.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **7 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39003070011**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **STAGE RD.**  
 CROSSING: **CANE CREEK**  
 LOCATION: **2.5 MI NW OF SCOTTS HILL**

COUNTY: **HENDERSON**  
 ROUTE: **01022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.52**  
 SUFFICIENCY RATING: **86.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.55611 DEGREES**  
 (17a,b) LONGITUDE: **W 88.28328 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **48.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39003070013**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **STAGE RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2.7 MI N OF SCOTTS HILL**

COUNTY: **HENDERSON**  
 ROUTE: **01022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.69**  
 SUFFICIENCY RATING: **86.9**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.55761 DEGREES**  
 (17a,b) LONGITUDE: **W 88.28569 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1979**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **66.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80590003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WHITE FERN RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **1 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **01648**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.09**  
 SUFFICIENCY RATING: **58.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64378 DEGREES**  
 (17a,b) LONGITUDE: **W 88.59692 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1958**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **OTHER STRUCTURAL WORK**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/13/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80590005**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WHITE FERN RD.**  
 CROSSING: **SPENCE CREEK**  
 LOCATION: **2 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **01648**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.04**  
 SUFFICIENCY RATING: **84.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65006 DEGREES**  
 (17a,b) LONGITUDE: **W 88.58506 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1958**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/13/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80590007**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WHITE FERN RD.**  
 CROSSING: **MCHENRY BRANCH**  
 LOCATION: **2.4 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **01648**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.51**  
 SUFFICIENCY RATING: **88.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64736 DEGREES**  
 (17a,b) LONGITUDE: **W 88.57764 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39016870001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **EBENEZER RD.**  
 CROSSING: **CANE CREEK**  
 LOCATION: **2.5 MI N OF SR100**

COUNTY: **HENDERSON**  
 ROUTE: **01687**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.36**  
 SUFFICIENCY RATING: **86.6**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.54533 DEGREES**  
 (17a,b) LONGITUDE: **W 88.29061 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1987**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **40.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39016910001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SHADY HILL RD.**  
 CROSSING: **BEECH RIVER**  
 LOCATION: **1.5 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **01691**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.47**  
 SUFFICIENCY RATING: **96.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.60583 DEGREES**  
 (17a,b) LONGITUDE: **W 88.33161 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **99.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **99.7 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39016910003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **POPE RD.**  
 CROSSING: **HARMON CREEK**  
 LOCATION: **2 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **01691**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.76**  
 SUFFICIENCY RATING: **83.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66233 DEGREES**  
 (17a,b) LONGITUDE: **W 88.34608 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1987**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **37.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **23 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39016930001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HURON RD.**  
 CROSSING: **N. FK. FORKED DEER RIVER**  
 LOCATION: **0.6 MI N OF SR200**

COUNTY: **HENDERSON**  
 ROUTE: **01693**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.60**  
 SUFFICIENCY RATING: **63.4**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.58364 DEGREES**  
 (17a,b) LONGITUDE: **W 88.53381 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **OTHER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1972**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **39.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **21.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **19.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **39 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$111,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**  
 (96) TOTAL PROJECT COST: **\$167,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S81340001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **TIMBERLAKE-WILDERSVILLE R**  
 CROSSING: **OLIVE BRANCH**  
 LOCATION: **3 MI N OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **01697**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.94**  
 SUFFICIENCY RATING: **98.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73136 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36964 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1999**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **74.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **75.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **30.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39016970003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **TIMBERLAKE-WILDERSVILLE R**  
 CROSSING: **SCARCE CREEK**  
 LOCATION: **2.5 MI S OF US40**

COUNTY: **HENDERSON**  
 ROUTE: **01697**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.02**  
 SUFFICIENCY RATING: **70.5**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.76811 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36408 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1966**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **42.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **122.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **33 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **122 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$90,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$10,000.00**  
 (96) TOTAL PROJECT COST: **\$136,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3730001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **STEGALL RD.**  
 CROSSING: **PINEY CREEK**  
 LOCATION: **4 MI E OF SR22A**

COUNTY: **HENDERSON**  
 ROUTE: **01698**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.23**  
 SUFFICIENCY RATING: **92.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.54667 DEGREES**  
 (17a,b) LONGITUDE: **W 88.43194 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNO**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39017000001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SAND RIDGE RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **8 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **01700**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.81**  
 SUFFICIENCY RATING: **77.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64978 DEGREES**  
 (17a,b) LONGITUDE: **W 88.51956 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1978**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **28.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$156,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$16,000.00**  
 (96) TOTAL PROJECT COST: **\$235,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39017000003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SAND RIDGE RD.**  
 CROSSING: **N. FK. FORKED DEER RIVER**  
 LOCATION: **8 MI E OF MADISON**

COUNTY: **HENDERSON**  
 ROUTE: **01700**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.92**  
 SUFFICIENCY RATING: **79.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64900 DEGREES**  
 (17a,b) LONGITUDE: **W 88.51789 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **34.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$74,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$8,000.00**  
 (96) TOTAL PROJECT COST: **\$112,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39017020001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **POPLAR SPRINGS-BARGERTON RD.**  
 CROSSING: **MIDDLE FORK DEER RIVER**  
 LOCATION: **2 MI N OF SP20**

COUNTY: **HENDERSON**  
 ROUTE: **01702**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.44**  
 SUFFICIENCY RATING: **86.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71875 DEGREES**  
 (17a,b) LONGITUDE: **W 88.54639 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **47.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39027010001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DARDEN RD.**  
 CROSSING: **DARDEN BRANCH**  
 LOCATION: **DARDEN RD.**

COUNTY: **HENDERSON**  
 ROUTE: **02701**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.06**  
 SUFFICIENCY RATING: **98.9**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.63422 DEGREES**  
 (17a,b) LONGITUDE: **W 88.21468 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NONE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.5 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S82620005**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DARDEN RD.**  
 CROSSING: **BEECH RIVER**  
 LOCATION: **1.3 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **02701**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.25**  
 SUFFICIENCY RATING: **93.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61786 DEGREES**  
 (17a,b) LONGITUDE: **W 88.21214 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1973**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **46.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **140.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S82620003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DARDEN RD.**  
 CROSSING: **BEECH RIVER SLOUGH**  
 LOCATION: **1.6 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **02701**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.64**  
 SUFFICIENCY RATING: **93.8**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.61214 DEGREES**  
 (17a,b) LONGITUDE: **W 88.21314 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1973**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **44.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **140.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S82620001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DARDEN RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **2 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **02701**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.91**  
 SUFFICIENCY RATING: **93.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.60836 DEGREES**  
 (17a,b) LONGITUDE: **W 88.21389 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1973**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **46.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **140.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80390001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **NEW JUNO-BARGERTON RD.**  
 CROSSING: **M. FK. FORKED DEER RIVER**  
 LOCATION: **1.2 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **05566**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.18**  
 SUFFICIENCY RATING: **73.2**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.70517 DEGREES**  
 (17a,b) LONGITUDE: **W 88.51556 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1973**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **19.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **28.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$87,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$131,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **UNION CROSS RD.**  
 CROSSING: **UNION CROSS RD. / I-40**  
 LOCATION: **1 MI S OF I40**

COUNTY: **HENDERSON**  
 ROUTE: **05566**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.07**  
 SUFFICIENCY RATING: **60.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76897 DEGREES**  
 (17a,b) LONGITUDE: **W 88.45322 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **8**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **43.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **252.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.24 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **9.84 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **28.87 FT**

## NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **0**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **4**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **N**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **252 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$252,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$26,000.00**  
 (96) TOTAL PROJECT COST: **\$379,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400015**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **WILDERSVILLE RD.**  
 CROSSING: **WILDERSVILLE RD. / I-40**  
 LOCATION: **1 MI N JCT SR20 & SR22**

COUNTY: **HENDERSON**  
 ROUTE: **05566**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **14.01**  
 SUFFICIENCY RATING: **49.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79169 DEGREES**  
 (17a,b) LONGITUDE: **W 88.37844 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **OTHER**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **3**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **88.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **297.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.34 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **9.84 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **28.54 FT**

## NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **4**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **N**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **297.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$660,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$67,000.00**  
 (96) TOTAL PROJECT COST: **\$991,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80390007**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WILDERSVILLE RD.**  
 CROSSING: **BIG SANDY RIVER**  
 LOCATION: **1.3 MI S OF I40**

COUNTY: **HENDERSON**  
 ROUTE: **05566**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **15.10**  
 SUFFICIENCY RATING: **78.1**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.78253 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36692 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **8**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **43.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **243.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **3**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **243.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$433,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$44,000.00**  
 (96) TOTAL PROJECT COST: **\$650,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**PUBLICATION DATE**  
**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80390009**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WILDERSVILLE RD.**  
 CROSSING: **DRY BRANCH**  
 LOCATION: **1.5 MI SOUTH OF I40**

COUNTY: **HENDERSON**  
 ROUTE: **05566**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **15.29**  
 SUFFICIENCY RATING: **96.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.78128 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36403 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1958**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A6000001**  
 BRIDGE OWNER: **CITY OF LEXINGTON**  
 FIPS CODE: **41980**  
 ROAD NAME: **HALL ST.**  
 CROSSING: **ONE MILE BRANCH**  
 LOCATION: **IN CITY OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **06028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.40**  
 SUFFICIENCY RATING: **95.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66850 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38386 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **38.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **57.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **47.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0010001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **ROCK MILAM RD.**  
 CROSSING: **M. FK. FORKED DEER RIVER**  
 LOCATION: **4 MI W OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **0A001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.91**  
 SUFFICIENCY RATING: **49.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74481 DEGREES**  
 (17a,b) LONGITUDE: **W 88.55483 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **WOOD OR TIMBER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1950**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **42.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **42.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **15.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **17.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-10-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **7 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **7.2 TONS**  
 (70) BRIDGE POSTING CODE: **0**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **U**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **64 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$404,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$41,000.00**  
 (96) TOTAL PROJECT COST: **\$607,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0030001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **INDEPENDENCE RD.**  
 CROSSING: **DRY CREEK**  
 LOCATION: **1 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A003**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.77**  
 SUFFICIENCY RATING: **77.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71742 DEGREES**  
 (17a,b) LONGITUDE: **W 88.57750 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2014**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **25.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **26.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$82,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$124,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0040001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **INDEPENDENCE LOOP**  
 CROSSING: **BRANCH**  
 LOCATION: **3 MI S OF I40**

COUNTY: **HENDERSON**  
 ROUTE: **0A004**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.67**  
 SUFFICIENCY RATING: **90.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72472 DEGREES**  
 (17a,b) LONGITUDE: **W 88.55994 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **OTHER**  
 C) TYPE PROTECTION: **OTHER**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-10-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0050001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DAVE RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **1.5 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A005**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.19**  
 SUFFICIENCY RATING: **85.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71603 DEGREES**  
 (17a,b) LONGITUDE: **W 88.58056 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1996**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0060001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MANLEY RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **0.5 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A006**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.38**  
 SUFFICIENCY RATING: **68.8**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.70797 DEGREES**  
 (17a,b) LONGITUDE: **W 88.58225 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **33.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$74,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$8,000.00**  
 (96) TOTAL PROJECT COST: **\$112,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **LAW RD.**  
 CROSSING: **LAW RD. / I-40**  
 LOCATION: **OVER I40**

COUNTY: **HENDERSON**  
 ROUTE: **0A011**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.05**  
 SUFFICIENCY RATING: **72.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73672 DEGREES**  
 (17a,b) LONGITUDE: **W 88.58356 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **65.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **232.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.08 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **8.86 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **29.53 FT**

## NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **3**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **N**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **232.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$229,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$23,000.00**  
 (96) TOTAL PROJECT COST: **\$344,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0110001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LAW RD.**  
 CROSSING: **GURLEY CREEK**  
 LOCATION: **1 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A011**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.15**  
 SUFFICIENCY RATING: **85.5**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.76106 DEGREES**  
 (17a,b) LONGITUDE: **W 88.60086 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1978**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **29.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **54.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNO**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0120001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **POPLAR SPRINGS JUNO RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A012**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.06**  
 SUFFICIENCY RATING: **85.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71639 DEGREES**  
 (17a,b) LONGITUDE: **W 88.54947 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0120003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **POPLAR SPRINGS JUNO RD.**  
 CROSSING: **COURTNEY BRANCH**  
 LOCATION: **2 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A012**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.25**  
 SUFFICIENCY RATING: **90.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71378 DEGREES**  
 (17a,b) LONGITUDE: **W 88.54803 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1997**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **44.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **46.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **60 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0120005**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **POPLAR SPRINGS JUNO RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **1.5 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A012**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.77**  
 SUFFICIENCY RATING: **85.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.70086 DEGREES**  
 (17a,b) LONGITUDE: **W 88.52714 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2016**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **26.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **24 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N01**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0200001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SAND RIDGE-BARGERTON RD.**  
 CROSSING: **MIDDLE FORK DEER CREEK**  
 LOCATION: **1.7 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.68**  
 SUFFICIENCY RATING: **84.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.69958 DEGREES**  
 (17a,b) LONGITUDE: **W 88.48975 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **50.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0220001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MT. ARARAT CEMETERY RD.**  
 CROSSING: **ARMS CREEK**  
 LOCATION: **0.5 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.42**  
 SUFFICIENCY RATING: **96.0**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.69219 DEGREES**  
 (17a,b) LONGITUDE: **W 88.19256 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1983**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0260001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BOSS REEVES RD.**  
 CROSSING: **KING CREEK**  
 LOCATION: **1 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A026**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.14**  
 SUFFICIENCY RATING: **95.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72442 DEGREES**  
 (17a,b) LONGITUDE: **W 88.19514 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0430001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **UTLEY RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **1 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A043**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.79**  
 SUFFICIENCY RATING: **90.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.77192 DEGREES**  
 (17a,b) LONGITUDE: **W 88.59494 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **INTEGRAL CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2010**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **56.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0430003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **UTLEY RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **1 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A043**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.88**  
 SUFFICIENCY RATING: **97.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.77086 DEGREES**  
 (17a,b) LONGITUDE: **W 88.59575 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **OTHER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1982**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **33.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **100.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **30.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **05/2022**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0430005**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **UTLEY RD.**  
 CROSSING: **FORKED DEER RIVER**  
 LOCATION: **1 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A043**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.92**  
 SUFFICIENCY RATING: **94.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.77042 DEGREES**  
 (17a,b) LONGITUDE: **W 88.59625 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **OTHER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1982**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **33.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **100.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **30.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0460003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **TAYLOR TOWN RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **3 MI S OF US40**

COUNTY: **HENDERSON**  
 ROUTE: **0A046**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.89**  
 SUFFICIENCY RATING: **64.5**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.78633 DEGREES**  
 (17a,b) LONGITUDE: **W 88.21594 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1970**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **10 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **4.7 TONS**  
 (70) BRIDGE POSTING CODE: **0**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$66,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**  
 (96) TOTAL PROJECT COST: **\$100,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0470001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **GURLEY CREEK RD.**  
 CROSSING: **GURLEY CREEK**  
 LOCATION: **1 MI N OF US 40**

COUNTY: **HENDERSON**  
 ROUTE: **0A047**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.05**  
 SUFFICIENCY RATING: **96.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73844 DEGREES**  
 (17a,b) LONGITUDE: **W 88.60733 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **41.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0490003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **NEW SAFFORD RD.**  
 CROSSING: **SULPHUR FORK CUB CREEK**  
 LOCATION: **0.1 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A049**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.72**  
 SUFFICIENCY RATING: **100.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72639 DEGREES**  
 (17a,b) LONGITUDE: **W 88.18555 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2019**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **#Error**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **20.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **20.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **8**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0630005**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HART CEMETERY RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **.5 MI S OF CARROLL CO LN**

COUNTY: **HENDERSON**  
 ROUTE: **0A063**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.51**  
 SUFFICIENCY RATING: **37.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81942 DEGREES**  
 (17a,b) LONGITUDE: **W 88.47000 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **18 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **18 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **18.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **4**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **10 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **14 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$68,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**  
 (96) TOTAL PROJECT COST: **\$103,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**PUBLICATION DATE**  
**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0670001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PENDERGRASS RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **4 MI N OF I40**

COUNTY: **HENDERSON**  
 ROUTE: **0A067**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.06**  
 SUFFICIENCY RATING: **68.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80633 DEGREES**  
 (17a,b) LONGITUDE: **W 88.43528 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **22.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **23 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **12 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **10.1 TONS**  
 (70) BRIDGE POSTING CODE: **0**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$108,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$11,000.00**  
 (96) TOTAL PROJECT COST: **\$163,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0860001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BRAZIL BOTTOM RD.**  
 CROSSING: **BRAZIL BRANCH**  
 LOCATION: **0.2 MI W OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **0A086**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.27**  
 SUFFICIENCY RATING: **96.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67367 DEGREES**  
 (17a,b) LONGITUDE: **W 88.43656 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1983**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0890001**  
 BRIDGE OWNER: **CITY OF LEXINGTON**  
 FIPS CODE: **41980**  
 ROAD NAME: **HUNTINGDON ST.**  
 CROSSING: **ONE MILE BRANCH**  
 LOCATION: **0.1 MI W OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **0A089**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.30**  
 SUFFICIENCY RATING: **87.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66442 DEGREES**  
 (17a,b) LONGITUDE: **W 88.39181 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1998**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **28.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **28.5 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1020001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **STANFILL RD.**  
 CROSSING: **OLIVE BRANCH**  
 LOCATION: **1 MI N OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **0A102**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.07**  
 SUFFICIENCY RATING: **69.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71467 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36369 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1955**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **40 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **8 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **15.1 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **46.3 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$260,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**  
 (96) TOTAL PROJECT COST: **\$391,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1120001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SCARCE CREEK RD.**  
 CROSSING: **SCARCE CREEK (NTSP)**  
 LOCATION: **NATCHEZ TRACE STATE PARK**

COUNTY: **HENDERSON**  
 ROUTE: **0A112**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.43**  
 SUFFICIENCY RATING: **76.8**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.75933 DEGREES**  
 (17a,b) LONGITUDE: **W 88.33208 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **51.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **26.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNO**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **74.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$401,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$41,000.00**  
 (96) TOTAL PROJECT COST: **\$602,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1180001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DAVIS RD.**  
 CROSSING: **HALEY CREEK**  
 LOCATION: **3 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A118**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.87**  
 SUFFICIENCY RATING: **91.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64915 DEGREES**  
 (17a,b) LONGITUDE: **W 88.30714 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2007**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **11.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **38.4 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N10**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1300001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BIBLE GROVE RD.**  
 CROSSING: **BROWN'S CREEK**  
 LOCATION: **5 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A130**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.44**  
 SUFFICIENCY RATING: **90.6**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.67592 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27125 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2000**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **29.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N00**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1320001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **FRIZZELL RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **3 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A132**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.97**  
 SUFFICIENCY RATING: **96.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66342 DEGREES**  
 (17a,b) LONGITUDE: **W 88.84458 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1320003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **FRIZZELL RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **1 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A132**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.67**  
 SUFFICIENCY RATING: **84.4**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.64106 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25931 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1983**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **7.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1510001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **EXCHANGE RD.**  
 CROSSING: **BRITT CREEK**  
 LOCATION: **1 MI N OF US40**

COUNTY: **HENDERSON**  
 ROUTE: **0A151**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.21**  
 SUFFICIENCY RATING: **79.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80511 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36056 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **34.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$51,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$6,000.00**  
 (96) TOTAL PROJECT COST: **\$77,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400017**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **EXCHANGE RD.**  
 CROSSING: **EXCHANGE RD. / I-40**  
 LOCATION: **OVER I40**

COUNTY: **HENDERSON**  
 ROUTE: **0A151**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.75**  
 SUFFICIENCY RATING: **64.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79797 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36125 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **74.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **252.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.01 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **12.14 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **28.54 FT**

## NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **5**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **N**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **252 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,140,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$115,000.00**  
 (96) TOTAL PROJECT COST: **\$1,711,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1540001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD EXCHANGE RD.**  
 CROSSING: **BIG SANDY RIVER**  
 LOCATION: **.1 M W OF NATCHEZ PARK**

COUNTY: **HENDERSON**  
 ROUTE: **0A154**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.86**  
 SUFFICIENCY RATING: **93.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79342 DEGREES**  
 (17a,b) LONGITUDE: **W 88.34664 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **INTEGRAL CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2016**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **57.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **8**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **8**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400025**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **FARMSVILLE RD.**  
 CROSSING: **FARMSVILLE RD. / I-40**  
 LOCATION: **OVER 140**

COUNTY: **HENDERSON**  
 ROUTE: **0A157**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **71.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80808 DEGREES**  
 (17a,b) LONGITUDE: **W 88.30892 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **67.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **237.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **15.42 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **13.12 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **27.89 FT**

## NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **4**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **N**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **237.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$980,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$99,000.00**  
 (96) TOTAL PROJECT COST: **\$1,471,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**PUBLICATION DATE**  
**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1570001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **FARMSVILLE RD.**  
 CROSSING: **DABBS CREEK (NTSP)**  
 LOCATION: **NATCHEZ TRACE STATE PARK**

COUNTY: **HENDERSON**  
 ROUTE: **0A157**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.33**  
 SUFFICIENCY RATING: **77.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79397 DEGREES**  
 (17a,b) LONGITUDE: **W 88.31714 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1996**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **35.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **26.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-10-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNO**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **35.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$170,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$18,000.00**  
 (96) TOTAL PROJECT COST: **\$256,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1600001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WEBB RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **0.3 MI W OF NATCHEZ TRACE**

COUNTY: **HENDERSON**  
 ROUTE: **0A160**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.27**  
 SUFFICIENCY RATING: **68.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.78172 DEGREES**  
 (17a,b) LONGITUDE: **W 88.35189 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1983**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **7.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **25.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$60,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**  
 (96) TOTAL PROJECT COST: **\$91,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1620001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SPENCER CREEK RD.**  
 CROSSING: **SPENCER CREEK**  
 LOCATION: **0.1 MI E OF MADISON**

COUNTY: **HENDERSON**  
 ROUTE: **0A162**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.07**  
 SUFFICIENCY RATING: **86.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.59742 DEGREES**  
 (17a,b) LONGITUDE: **W 88.61200 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1620003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HUBBERD TOWN RD.**  
 CROSSING: **NORTH FORK DEER RIVER**  
 LOCATION: **0.5 MI N OF HARDEMAN CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A162**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.07**  
 SUFFICIENCY RATING: **73.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.58994 DEGREES**  
 (17a,b) LONGITUDE: **W 88.58661 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NONE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1950**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2012**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **55.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **10 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **9 TONS**  
 (70) BRIDGE POSTING CODE: **0**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **77.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$409,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$41,000.00**  
 (96) TOTAL PROJECT COST: **\$614,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1880001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **NEALIS WOODS RD.**  
 CROSSING: **SULPHUR FORK CUB CREEK**  
 LOCATION: **NEAR NATCHEZ TRACE PARK**

COUNTY: **HENDERSON**  
 ROUTE: **0A188**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.18**  
 SUFFICIENCY RATING: **74.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74492 DEGREES**  
 (17a,b) LONGITUDE: **W 88.23675 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **WOOD OR TIMBER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **10 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **18 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$116,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**  
 (96) TOTAL PROJECT COST: **\$175,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1940001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BROWN RD.**  
 CROSSING: **GREASY CREEK**  
 LOCATION: **.1 MI N OF CHESTER CO LN**

COUNTY: **HENDERSON**  
 ROUTE: **0A194**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.69**  
 SUFFICIENCY RATING: **88.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.75969 DEGREES**  
 (17a,b) LONGITUDE: **W 88.20892 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1970**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1960001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DARDEN CHRISTIAN CHAPEL RD.**  
 CROSSING: **BIG CREEK**  
 LOCATION: **3 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A196**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.67**  
 SUFFICIENCY RATING: **92.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65878 DEGREES**  
 (17a,b) LONGITUDE: **W 88.21644 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2004**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **78.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **80.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0100**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A1970001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **STAFFORD MILL RD.**  
 CROSSING: **SULPHUR FORK CUB CREEK**  
 LOCATION: **3 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A197**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.73**  
 SUFFICIENCY RATING: **77.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73222 DEGREES**  
 (17a,b) LONGITUDE: **W 88.20292 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **WOOD OR TIMBER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **5 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **10 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **18 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$116,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**  
 (96) TOTAL PROJECT COST: **\$175,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2080001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDWAY RD.**  
 CROSSING: **BIG CREEK**  
 LOCATION: **3.5 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A208**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.60**  
 SUFFICIENCY RATING: **83.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.68361 DEGREES**  
 (17a,b) LONGITUDE: **W 88.23244 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2130001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BOREN RD.**  
 CROSSING: **BIG CREEK**  
 LOCATION: **1 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A213**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.34**  
 SUFFICIENCY RATING: **83.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63833 DEGREES**  
 (17a,b) LONGITUDE: **W 88.20544 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **WOOD OR TIMBER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1968**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **46.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **17.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **18 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **17.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-10-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2310001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD DARDEN CHESTERFIELD R**  
 CROSSING: **BROWNS CREEK**  
 LOCATION: **2 MI E OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **0A231**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.36**  
 SUFFICIENCY RATING: **89.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63258 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25019 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1993**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **47.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **131.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2380001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WAKE FOREST RD.**  
 CROSSING: **BIG HURRICANE CREEK**  
 LOCATION: **0.5 MI E OF CHESTER CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A238**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.30**  
 SUFFICIENCY RATING: **33.6**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.43681 DEGREES**  
 (17a,b) LONGITUDE: **W 88.35647 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2023**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **61.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **65.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **8**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **5 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **36 TONS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **11N1**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **50.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$252,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$26,000.00**  
 (96) TOTAL PROJECT COST: **\$379,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **1/10/2024**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2490001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **EBENEZER CHURCH RD.**  
 CROSSING: **CANE CREEK**  
 LOCATION: **2.5 MI N OF SR100**

COUNTY: **HENDERSON**  
 ROUTE: **0A249**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.72**  
 SUFFICIENCY RATING: **40.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.53683 DEGREES**  
 (17a,b) LONGITUDE: **W 88.28017 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **66.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **4**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **5 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **5 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **91.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$478,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$48,000.00**  
 (96) TOTAL PROJECT COST: **\$718,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2610001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CANE CREEK RD.**  
 CROSSING: **CANE CREEK**  
 LOCATION: **2 MI W OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **0A261**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.18**  
 SUFFICIENCY RATING: **75.2**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.59906 DEGREES**  
 (17a,b) LONGITUDE: **W 88.29128 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1978**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **32.2 FT**  
 (49) TOTAL BRIDGE LENGTH: **56.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **3**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **56.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$264,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**  
 (96) TOTAL PROJECT COST: **\$397,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2640001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BELTON ROBISON RD.**  
 CROSSING: **BEECH RIVER**  
 LOCATION: **2 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A264**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.83**  
 SUFFICIENCY RATING: **28.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61378 DEGREES**  
 (17a,b) LONGITUDE: **W 88.29553 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **WOOD OR TIMBER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **84.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **17.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **19 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **19.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **24 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **17.1 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **4**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **6 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **10.1 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **4**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **113.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$538,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$54,000.00**  
 (96) TOTAL PROJECT COST: **\$808,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2640003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BELTON ROBISON RD.**  
 CROSSING: **BEECH RIVER**  
 LOCATION: **0.1 M S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A264**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.22**  
 SUFFICIENCY RATING: **91.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61892 DEGREES**  
 (17a,b) LONGITUDE: **W 88.29858 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **60.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **60.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **28.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2660001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **ROCK HILL RD.**  
 CROSSING: **HALEY CREEK**  
 LOCATION: **0.5 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A266**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.41**  
 SUFFICIENCY RATING: **67.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62442 DEGREES**  
 (17a,b) LONGITUDE: **W 88.29472 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1968**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **46.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **17.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **18 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **17.1 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **13 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **23 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **69.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$339,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$34,000.00**  
 (96) TOTAL PROJECT COST: **\$509,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2740003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **ROY PRUITT RD.**  
 CROSSING: **HARMON CREEK**  
 LOCATION: **1 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A274**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.00**  
 SUFFICIENCY RATING: **93.0**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.62997 DEGREES**  
 (17a,b) LONGITUDE: **W 88.35603 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2008**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **11.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **40.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **30.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N00**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2770001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PINE KNOB RD.**  
 CROSSING: **PINEY CREEK**  
 LOCATION: **2 MI E OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **0A277**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.73**  
 SUFFICIENCY RATING: **100.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.60719 DEGREES**  
 (17a,b) LONGITUDE: **W 88.35506 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2001**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **70.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **71.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2820001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PETTY RD.**  
 CROSSING: **PINEY CREEK**  
 LOCATION: **0.5 MI S OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **0A282**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.38**  
 SUFFICIENCY RATING: **69.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.59422 DEGREES**  
 (17a,b) LONGITUDE: **W 88.37156 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1978**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **56.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **56.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$259,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$26,000.00**  
 (96) TOTAL PROJECT COST: **\$389,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2021**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2850001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BUFORD STANFILL RD.**  
 CROSSING: **LOST CREEK**  
 LOCATION: **1 MI E OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **0A285**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.83**  
 SUFFICIENCY RATING: **88.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.56256 DEGREES**  
 (17a,b) LONGITUDE: **W 88.34447 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **OPEN GRATING**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NONE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **29.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-10-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **U**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A2860003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CANDY MEADOW FARM RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2 MI E OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **0A286**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.50**  
 SUFFICIENCY RATING: **85.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.58217 DEGREES**  
 (17a,b) LONGITUDE: **W 88.33808 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3220001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MITCHELL RD.**  
 CROSSING: **DOE CREEK**  
 LOCATION: **0.3 MI W OF DECATUR**

COUNTY: **HENDERSON**  
 ROUTE: **0A322**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.66**  
 SUFFICIENCY RATING: **85.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.43039 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25106 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **68.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3260001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PRESLEY RIDGE RD.**  
 CROSSING: **DOE CREEK**  
 LOCATION: **1 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A326**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.73**  
 SUFFICIENCY RATING: **52.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.44825 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25639 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1978**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **19.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **58.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **4**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **81.4 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$420,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$43,000.00**  
 (96) TOTAL PROJECT COST: **\$631,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3270001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DYER RD.**  
 CROSSING: **MIDDLE PRONG DOE CREEK**  
 LOCATION: **0.3 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A327**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.34**  
 SUFFICIENCY RATING: **27.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.46206 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25119 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **WOOD OR TIMBER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1977**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **20.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **15.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **15.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **83 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **15.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **4**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **3 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **6.1 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **39 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$167,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$17,000.00**  
 (96) TOTAL PROJECT COST: **\$251,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3420001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PITTS RD.**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **0.3 MI N OF HARDIN CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A342**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.70**  
 SUFFICIENCY RATING: **97.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.42136 DEGREES**  
 (17a,b) LONGITUDE: **W 88.32017 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **OTHER**  
 C) TYPE PROTECTION: **OTHER**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3440001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **RUTH RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **0.5 N OF HARDIN CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A344**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.19**  
 SUFFICIENCY RATING: **96.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.42061 DEGREES**  
 (17a,b) LONGITUDE: **W 88.31500 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3530001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MARLS BLUFF RD.**  
 CROSSING: **BROOKS CREEK**  
 LOCATION: **1 MI E OF CHESTER CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A353**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.51**  
 SUFFICIENCY RATING: **98.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.44406 DEGREES**  
 (17a,b) LONGITUDE: **W 88.35844 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2016**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **50.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **49.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1011**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3540001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DOYLE RD.**  
 CROSSING: **BIG HURRICANE DRAINAGE**  
 LOCATION: **3 MI SOUTH OF SR 100**

COUNTY: **HENDERSON**  
 ROUTE: **0A354**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.10**  
 SUFFICIENCY RATING: **79.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.46844 DEGREES**  
 (17a,b) LONGITUDE: **W 88.33731 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **WOOD OR TIMBER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **46.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **15.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **16.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **14.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **4**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **69.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$408,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$41,000.00**  
 (96) TOTAL PROJECT COST: **\$613,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3700001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MAXWELL RD.**  
 CROSSING: **FLAT CREEK**  
 LOCATION: **0.5 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A370**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.80**  
 SUFFICIENCY RATING: **96.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.56108 DEGREES**  
 (17a,b) LONGITUDE: **W 88.22903 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2001**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **49.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N10**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4110003**  
 BRIDGE OWNER: **CITY OF LEXINGTON**  
 FIPS CODE: **41980**  
 ROAD NAME: **PURDY ST.**  
 CROSSING: **DITCH**  
 LOCATION: **IN CITY OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **0A411**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.03**  
 SUFFICIENCY RATING: **97.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63092 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40514 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **53.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4390001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BROWNS SCHOOL RD.**  
 CROSSING: **MIDDLE FORK CREEK**  
 LOCATION: **2 MI S OF SR200**

COUNTY: **HENDERSON**  
 ROUTE: **0A439**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.60**  
 SUFFICIENCY RATING: **99.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.56025 DEGREES**  
 (17a,b) LONGITUDE: **W 88.50381 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2022**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **50.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **50.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **8**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **8**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **8/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39019000001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **TRUETT SCHOOLHOUSE RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **TRUETT SCHOOLHOUSE RD**

COUNTY: **HENDERSON**  
 ROUTE: **0A441**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.01**  
 SUFFICIENCY RATING: **93.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.55008 DEGREES**  
 (17a,b) LONGITUDE: **W 88.52167 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **INTEGRAL CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2015**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **16.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **30.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4420001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEFORK RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2 MI E OF CHESTER CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A442**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.58**  
 SUFFICIENCY RATING: **74.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.55764 DEGREES**  
 (17a,b) LONGITUDE: **W 88.53728 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1973**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **21.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **28.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$148,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$15,000.00**  
 (96) TOTAL PROJECT COST: **\$223,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2021**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4460001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MILLS DARDEN RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2 MI N OF SR200**

COUNTY: **HENDERSON**  
 ROUTE: **0A446**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.02**  
 SUFFICIENCY RATING: **85.5**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.61672 DEGREES**  
 (17a,b) LONGITUDE: **W 88.50683 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **50.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$320,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$33,000.00**  
 (96) TOTAL PROJECT COST: **\$481,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2021**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39002720009**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LIFE CUTOFF RD.**  
 CROSSING: **WOLF CREEK**  
 LOCATION: **2 MI S OF SR200**

COUNTY: **HENDERSON**  
 ROUTE: **0A447**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.42**  
 SUFFICIENCY RATING: **83.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61544 DEGREES**  
 (17a,b) LONGITUDE: **W 88.45644 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **48.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **30.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **23.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4510005**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MCCANEY MILL RD.**  
 CROSSING: **VAN CREEK**  
 LOCATION: **5 MI W OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **0A451**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.39**  
 SUFFICIENCY RATING: **23.7**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.63975 DEGREES**  
 (17a,b) LONGITUDE: **W 88.49678 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **STEEL PLATE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **OTHER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **29.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **30.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **23 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **4**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **5 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **6.1 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **U**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **30.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$86,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$130,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4510001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MCCANEY MILL RD.**  
 CROSSING: **NORTH FORK DEER CREEK**  
 LOCATION: **6 MI N OF SR200**

COUNTY: **HENDERSON**  
 ROUTE: **0A451**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.47**  
 SUFFICIENCY RATING: **77.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63575 DEGREES**  
 (17a,b) LONGITUDE: **W 88.51464 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1971**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **28.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$77,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$8,000.00**  
 (96) TOTAL PROJECT COST: **\$116,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2021**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4510003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WILKINS RD.**  
 CROSSING: **BELL BRANCH**  
 LOCATION: **3 MI E OF MADISON**

COUNTY: **HENDERSON**  
 ROUTE: **0A451**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.23**  
 SUFFICIENCY RATING: **94.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61839 DEGREES**  
 (17a,b) LONGITUDE: **W 88.55564 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **40.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **26.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4530001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **THREAD GILL RD.**  
 CROSSING: **FORKED DEER CREEK**  
 LOCATION: **2 MI W OF SR200**

COUNTY: **HENDERSON**  
 ROUTE: **0A453**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.81**  
 SUFFICIENCY RATING: **91.7**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.61819 DEGREES**  
 (17a,b) LONGITUDE: **W 88.51322 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1996**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **81.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **81.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4600001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD JACKSON RD.**  
 CROSSING: **BEECH RIVER**  
 LOCATION: **0.5 MI W OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **0A460**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.83**  
 SUFFICIENCY RATING: **79.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65003 DEGREES**  
 (17a,b) LONGITUDE: **W 88.41472 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1995**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **89.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **89.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **89.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$238,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$24,000.00**  
 (96) TOTAL PROJECT COST: **\$358,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4670001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HAMLETT RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **0.01 MI E OF MADISON**

COUNTY: **HENDERSON**  
 ROUTE: **0A467**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **93.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62614 DEGREES**  
 (17a,b) LONGITUDE: **W 88.61111 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2016**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **11.2 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1011**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/13/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4670005**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HAMLETT RD.**  
 CROSSING: **SPENCER CREEK**  
 LOCATION: **0.7 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A467**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.70**  
 SUFFICIENCY RATING: **48.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62050 DEGREES**  
 (17a,b) LONGITUDE: **W 88.60250 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **35.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **16.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **16.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **15.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **7 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **13 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **57.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$345,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$35,000.00**  
 (96) TOTAL PROJECT COST: **\$518,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/20/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4770003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MAPLE SPRINGS RD.**  
 CROSSING: **SPENCER CREEK**  
 LOCATION: **1 MI E OF MADISON CO.**

COUNTY: **HENDERSON**  
 ROUTE: **0A477**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.17**  
 SUFFICIENCY RATING: **83.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67264 DEGREES**  
 (17a,b) LONGITUDE: **W 88.59125 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **GRAVEL**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A4990001**  
 BRIDGE OWNER: **CITY OF LEXINGTON**  
 FIPS CODE: **41980**  
 ROAD NAME: **SKYLINE DR.**  
 CROSSING: **BRAZIL CREEK**  
 LOCATION: **0.1 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A499**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.04**  
 SUFFICIENCY RATING: **97.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65967 DEGREES**  
 (17a,b) LONGITUDE: **W 88.42178 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **14.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **38.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **41.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **37.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **38.1 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A5050001**  
 BRIDGE OWNER: **CITY OF LEXINGTON**  
 FIPS CODE: **41980**  
 ROAD NAME: **W. MAIN ST.**  
 CROSSING: **ONE MILE CREEK**  
 LOCATION: **0.2 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A505**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.22**  
 SUFFICIENCY RATING: **79.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65875 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40931 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1977**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **31.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$51,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$6,000.00**  
 (96) TOTAL PROJECT COST: **\$77,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A5120001**  
 BRIDGE OWNER: **CITY OF LEXINGTON**  
 FIPS CODE: **00000**  
 ROAD NAME: **WESTWOOD DR.**  
 CROSSING: **ONEMILE BRANCH**  
 LOCATION: **0.4 MI N OF SR-20**

COUNTY: **HENDERSON**  
 ROUTE: **0A512**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.41**  
 SUFFICIENCY RATING: **86.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66060 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40083 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2010**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.7 FT**  
 (50a) LEFT SIDEWALK WIDTH: **1.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **1.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A5510001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DICKSON LN.**  
 CROSSING: **OWL CREEK**  
 LOCATION: **2.5 MI N OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **0A551**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.14**  
 SUFFICIENCY RATING: **96.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64967 DEGREES**  
 (17a,b) LONGITUDE: **W 88.37150 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1982**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **27.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0630001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MT. GILEAD RD.**  
 CROSSING: **CANE CREEK**  
 LOCATION: **1.5 MI N OF US40**

COUNTY: **HENDERSON**  
 ROUTE: **0A630**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.53**  
 SUFFICIENCY RATING: **72.3**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.77239 DEGREES**  
 (17a,b) LONGITUDE: **W 88.51683 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **21.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **50.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$320,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$33,000.00**  
 (96) TOTAL PROJECT COST: **\$481,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2021**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A0630003**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MT. GILEAD RD.**  
 CROSSING: **CANE CREEK**  
 LOCATION: **1.5 MI N OF US40**

COUNTY: **HENDERSON**  
 ROUTE: **0A630**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.68**  
 SUFFICIENCY RATING: **80.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.77083 DEGREES**  
 (17a,b) LONGITUDE: **W 88.52025 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1979**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **13.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **37.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNO**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400037**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SHILOH RD.**  
 CROSSING: **SHILOH RD. / I-40**  
 LOCATION: **OVER I40**

COUNTY: **HENDERSON**  
 ROUTE: **0A660**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.91**  
 SUFFICIENCY RATING: **79.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81442 DEGREES**  
 (17a,b) LONGITUDE: **W 88.20647 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **5**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **65.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **291.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **17.09 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **9.84 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **19.03 FT**

## NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **4**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **N**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **291 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,175,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$118,000.00**  
 (96) TOTAL PROJECT COST: **\$1,763,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400021**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **YUMA RD.**  
 CROSSING: **YUMA RD. / I-40**  
 LOCATION: **1.3 MI N OF SANDY RD**

COUNTY: **HENDERSON**  
 ROUTE: **0A667**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.49**  
 SUFFICIENCY RATING: **65.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80161 DEGREES**  
 (17a,b) LONGITUDE: **W 88.33722 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **2**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **70.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **246.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **13 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **17.26 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **16.08 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **26.9 FT**

## NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **6**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **N**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **246.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,106,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$111,000.00**  
 (96) TOTAL PROJECT COST: **\$1,660,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A6670001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **YUMA RD.**  
 CROSSING: **DABBS CREEK**  
 LOCATION: **0.5 MI N OF US40**

COUNTY: **HENDERSON**  
 ROUTE: **0A667**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.87**  
 SUFFICIENCY RATING: **78.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80533 DEGREES**  
 (17a,b) LONGITUDE: **W 88.33403 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **28.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$148,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$15,000.00**  
 (96) TOTAL PROJECT COST: **\$223,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2021**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A3660001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CENTER HILL-WRIGHT RD.**  
 CROSSING: **MIDDLETON CREEK**  
 LOCATION: **2.5 MI N OF SR100**

COUNTY: **HENDERSON**  
 ROUTE: **0A726**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.13**  
 SUFFICIENCY RATING: **72.2**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.51422 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40306 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNO**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **28.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$148,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$15,000.00**  
 (96) TOTAL PROJECT COST: **\$223,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2021**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A8050001**  
 BRIDGE OWNER: **CITY OF LEXINGTON**  
 FIPS CODE: **41980**  
 ROAD NAME: **HARBOR DR.**  
 CROSSING: **BRANCH**  
 LOCATION: **ON HARBOR DRIVE**

COUNTY: **HENDERSON**  
 ROUTE: **0A805**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.10**  
 SUFFICIENCY RATING: **87.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67400 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40817 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **ALUMINUM, WROUGHT OR CAST IRON**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **3.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390A8310001**  
 BRIDGE OWNER: **HENDERSON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BARTHOLOMEW LN.**  
 CROSSING: **WHITE BRANCH**  
 LOCATION: **5.5 MI NW JCT SR100&SR114**

COUNTY: **HENDERSON**  
 ROUTE: **0A831**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.50**  
 SUFFICIENCY RATING: **22.6**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.58542 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27300 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **WOOD OR TIMBER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1970**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **23.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **14.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **16.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.7 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **14.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **4**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **5 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **9 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **U**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$112,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**  
 (96) TOTAL PROJECT COST: **\$169,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/21/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390B0050001**  
 BRIDGE OWNER: **CITY OF LEXINGTON**  
 FIPS CODE: **41980**  
 ROAD NAME: **DIXON ST.**  
 CROSSING: **DITCH**  
 LOCATION: **IN CITY OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **0B005**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.31**  
 SUFFICIENCY RATING: **96.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64528 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40047 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **73.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL CITY STREET**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/19/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **390B8000001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **ROBERTSON TR.**  
 CROSSING: **LITTLE CUB CREEK (NTSP)**  
 LOCATION: **NATCHEZ TRACE STATE PARK**

COUNTY: **HENDERSON**  
 ROUTE: **0B049**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.31**  
 SUFFICIENCY RATING: **82.9**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.79397 DEGREES**  
 (17a,b) LONGITUDE: **W 88.31714 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **OTHER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1985**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **46.3 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **15.4 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **18 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **14.1 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400004**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **MIDDLE FORK FORKED DEER**  
 LOCATION: **1 MI W JCT SR104**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.29**  
 SUFFICIENCY RATING: **73.7**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.74750 DEGREES**  
 (17a,b) LONGITUDE: **W 88.55642 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **13**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1961**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1990**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **35.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **444.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **444.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$736,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$74,000.00**  
 (96) TOTAL PROJECT COST: **\$1,105,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **MIDDLE FORK FORKED DEER**  
 LOCATION: **1 MI W JCT SR104**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.29**  
 SUFFICIENCY RATING: **73.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74706 DEGREES**  
 (17a,b) LONGITUDE: **W 88.55625 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **13**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1961**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1990**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **35.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **444.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.8 FT**

(33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **444.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,228,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$123,000.00**  
 (96) TOTAL PROJECT COST: **\$1,843,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400009**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **N. FORK BIG BEAVER CREEK**  
 LOCATION: **2 MI N POPLAR CORNER RD**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **10.59**  
 SUFFICIENCY RATING: **57.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.77531 DEGREES**  
 (17a,b) LONGITUDE: **W 88.43119 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **27.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **128.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **37.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **27.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$293,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$30,000.00**  
 (96) TOTAL PROJECT COST: **\$440,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **LITTLE BEAVER CREEK**  
 LOCATION: **1.2 MI N PENDERGRASS RD**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **12.13**  
 SUFFICIENCY RATING: **56.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.78447 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40622 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **128.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **37.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **39 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$395,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$40,000.00**  
 (96) TOTAL PROJECT COST: **\$593,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400019**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **BIG SANDY RIVER**  
 LOCATION: **1.4 MI N OF DADDS CREEK**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **15.65**  
 SUFFICIENCY RATING: **82.1**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.80042 DEGREES**  
 (17a,b) LONGITUDE: **W 88.34714 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **10**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1989**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **64.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **638.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **8**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400020**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **BIG SANDY RIVER**  
 LOCATION: **1.4 MI N OF DADDS CREEK**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **15.65**  
 SUFFICIENCY RATING: **82.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80058 DEGREES**  
 (17a,b) LONGITUDE: **W 88.34722 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **11**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **64.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **703.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **8**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400024**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **DABBS CREEK**  
 LOCATION: **1.3 MI N OF JCT SR22**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **16.62**  
 SUFFICIENCY RATING: **80.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80306 DEGREES**  
 (17a,b) LONGITUDE: **W 88.33039 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **46.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **140.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **8**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400023**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **DABBS CREEK**  
 LOCATION: **1.3 MI N OF JCT SR22**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **16.62**  
 SUFFICIENCY RATING: **80.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80281 DEGREES**  
 (17a,b) LONGITUDE: **W 88.32778 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **46.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **140.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **8**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400027**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **MORRIS CREEK**  
 LOCATION: **.6 MI N OF AR114**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **19.88**  
 SUFFICIENCY RATING: **65.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81606 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27467 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **65.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **128.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **65 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$632,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$64,000.00**  
 (96) TOTAL PROJECT COST: **\$949,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400029**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **MORRIS CREEK**  
 LOCATION: **ON THE CARROLL CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **20.31**  
 SUFFICIENCY RATING: **67.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81750 DEGREES**  
 (17a,b) LONGITUDE: **W 88.26731 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **27.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **128.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **27.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$293,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$30,000.00**  
 (96) TOTAL PROJECT COST: **\$440,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400034**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **BRANCH**  
 LOCATION: **ON THE CARROLL CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **22.59**  
 SUFFICIENCY RATING: **82.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81647 DEGREES**  
 (17a,b) LONGITUDE: **W 88.22717 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **48.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **128.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400033**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **I-40**  
 CROSSING: **BRANCH**  
 LOCATION: **1 MI FM THE CARROLL CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **I0040**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **22.61**  
 SUFFICIENCY RATING: **82.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81592 DEGREES**  
 (17a,b) LONGITUDE: **W 88.22600 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **48.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **128.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **W. CHURCH ST.**  
 CROSSING: **BRAZIL BRANCH**  
 LOCATION: **.2 MI S OF THOMAS RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **11.05**  
 SUFFICIENCY RATING: **66.8**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.66006 DEGREES**  
 (17a,b) LONGITUDE: **W 88.42250 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1930**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **37.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **59.7 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **59.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **37.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$328,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$33,000.00**  
 (96) TOTAL PROJECT COST: **\$493,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

NATIONAL BRIDGE INVENTORY  
TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200007**  
BRIDGE OWNER: **STATE OF TENNESSEE**  
FIPS CODE: **41980**  
ROAD NAME: **W. CHURCH ST.**  
CROSSING: **ONE MILE BRANCH**  
LOCATION: **1.7 MI S OF SR22**

COUNTY: **HENDERSON**  
ROUTE: **SR020**  
SPECIAL CASE: **0**  
COUNTY SEQUENCE: **1**  
LOG MILE: **11.73**  
SUFFICIENCY RATING: **82.0**

**IDENTIFICATION**

(16a,b) LATITUDE: **N 35.65708 DEGREES**  
(17a,b) LONGITUDE: **W 88.41089 DEGREES**  
(98a) BORDER BRIDGE STATE CODE: **N/A**  
(98b) PERCENT SHARE: **00**  
(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

**BRIDGE TYPE AND MATERIAL**

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
(44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
(46) NUMBER OF APPROACH SPANS: **0**  
(107) TYPE OF DECK: **OTHER**  
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
B) TYPE MEMBRANE: **NONE**  
C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

**AGE AND SERVICE**

(27) YEAR THE BRIDGE WAS BUILT: **1999**  
(106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
(42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN**  
(42b) UNDER BRIDGE: **WATERWAY**  
(28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
(28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

**GEOMETRIC DATA**

(48) MAXIMUM SPAN LENGTH: **59.1 FT**  
(49) TOTAL BRIDGE LENGTH: **60.0 FT**  
(50a) LEFT SIDEWALK WIDTH: **4.9 FT**  
(50b) RIGHT SIDEWALK WIDTH: **4.9 FT**  
(51) BRIDGE CURB TO CURB WIDTH: **59.1 FT**  
(52) BRIDGE OUT TO OUT WIDTH: **70.9 FT**  
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **59.1 FT**  
(33) BRIDGE MEDIAN: **NO MEDIAN**  
(34) BRIDGE SKEW: **15 DEGREES**  
(35) BRIDGE FLARE: **NO FLARE**  
(520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **59.1 FT**  
(54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

**NAVIGATION DATA**

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
(39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
(116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
(40) NAVIGATION HORZ CLEARANCE: **N/A**

**CLASSIFICATION**

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
(104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
(26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
(102) TRAFFIC DIR: **2-WAY TRAFFIC**  
(103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
(110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
(37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

**CONDITION RATINGS**

(58) DECK: **7**  
(59) SUPERSTRUCTURE: **8**  
(60) SUBSTRUCTURE: **8**  
(61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
(62) CULVERT CONDITION (IF APPLICABLE): **N**

**DESIGN LOAD AND WEIGHT POSTING**

(31) DESIGN LOADING: **HS-20-44**  
WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
(70) BRIDGE POSTING CODE: **5**  
(41) WT POSTING STATUS: **OPEN**

**APPRAISAL**

(67) STRUCTURAL EVALUATION: **7**  
(68) DECK GEOMETRY: **5**  
(69) UNDERCLEARANCE RATING: **N**  
(71) WATERWAY ADEQUACY: **7**  
(72) APPROACH ROADWAY ALIGNMENT: **8**  
(36) TRAFFIC SAFETY FEATURES: **1000**  
(113) SCOUR CONDITION RATING: **8**

**RECOMMENDED IMPROVEMENTS**

(75) TYPE OF WORK: **NOT APPLICABLE**  
(76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
(94) BRIDGE IMPROVEMENT COST:  
(95) ROADWAY IMPROVEMENT COST:  
(96) TOTAL PROJECT COST:  
(97) YEAR OF IMPROVEMENT COST ESTIMATE:

**INSPECTION DATES**

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
(91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
(93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
(92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
(93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
(92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **41980**  
 ROAD NAME: **E. CHURCH ST.**  
 CROSSING: **TOWN CREEK**  
 LOCATION: **2 MI S OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **13.64**  
 SUFFICIENCY RATING: **65.5**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.64233 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38353 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1967**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **22.3 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **69.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **69.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **22.3 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$210,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$22,000.00**  
 (96) TOTAL PROJECT COST: **\$316,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200013**  
BRIDGE OWNER: **STATE OF TENNESSEE**  
FIPS CODE: **00000**  
ROAD NAME: **E. CHURCH ST.**  
CROSSING: **OWL CREEK**  
LOCATION: **7.5 MI SW OF MIDDLETON RD**

COUNTY: **HENDERSON**  
ROUTE: **SR020**  
SPECIAL CASE: **0**  
COUNTY SEQUENCE: **1**  
LOG MILE: **14.39**  
SUFFICIENCY RATING: **66.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64050 DEGREES**  
(17a,b) LONGITUDE: **W 88.37039 DEGREES**  
(98a) BORDER BRIDGE STATE CODE: **N/A**  
(98b) PERCENT SHARE: **00**  
(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
(44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
(46) NUMBER OF APPROACH SPANS: **0**  
(107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
A) TYPE OF SURFACE: **ASPHALT**  
B) TYPE MEMBRANE: **UNKNOWN**  
C) TYPE PROTECTION: **UNKNOWN**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**  
(106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
(42a) SERVICE ON BRIDGE: **HIGHWAY**  
(42b) UNDER BRIDGE: **WATERWAY**  
(28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
(28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
(49) TOTAL BRIDGE LENGTH: **33.1 FT**  
(50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
(50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
(51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
(52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **100.1 FT**  
(33) BRIDGE MEDIAN: **NO MEDIAN**  
(34) BRIDGE SKEW: **8 DEGREES**  
(35) BRIDGE FLARE: **NO FLARE**  
(520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **67.9 FT**  
(54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
(39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
(116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
(40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
(104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
(26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
(102) TRAFFIC DIR: **2-WAY TRAFFIC**  
(103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
(110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
(37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
(59) SUPERSTRUCTURE: **N**  
(60) SUBSTRUCTURE: **N**  
(61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
(62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
(70) BRIDGE POSTING CODE: **5**  
(41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
(68) DECK GEOMETRY: **N**  
(69) UNDERCLEARANCE RATING: **N**  
(71) WATERWAY ADEQUACY: **6**  
(72) APPROACH ROADWAY ALIGNMENT: **8**  
(36) TRAFFIC SAFETY FEATURES: **NNNN**  
(113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
(76) LENGTH OF BRIDGE IMPROVEMENT: **33.1 FT**  
(94) BRIDGE IMPROVEMENT COST: **\$350,000.00**  
(95) ROADWAY IMPROVEMENT COST: **\$36,000.00**  
(96) TOTAL PROJECT COST: **\$526,000.00**  
(97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
(91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
(93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
(92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
(93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
(92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200015**  
BRIDGE OWNER: **STATE OF TENNESSEE**  
FIPS CODE: **00000**  
ROAD NAME: **E. CHURCH ST.**  
CROSSING: **HARMON CREEK**  
LOCATION: **1.2 MI S OF ROY PRUITT RD**

COUNTY: **HENDERSON**  
ROUTE: **SR020**  
SPECIAL CASE: **0**  
COUNTY SEQUENCE: **1**  
LOG MILE: **15.27**  
SUFFICIENCY RATING: **83.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63808 DEGREES**  
(17a,b) LONGITUDE: **W 88.35517 DEGREES**  
(98a) BORDER BRIDGE STATE CODE: **N/A**  
(98b) PERCENT SHARE: **00**  
(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
(44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
(45) NUMBER OF MAIN SPANS: **2**  
(46) NUMBER OF APPROACH SPANS: **0**  
(107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
B) TYPE MEMBRANE: **NONE**  
C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1998**  
(106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
(42a) SERVICE ON BRIDGE: **HIGHWAY**  
(42b) UNDER BRIDGE: **WATERWAY**  
(28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
(28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **57.1 FT**  
(49) TOTAL BRIDGE LENGTH: **113.8 FT**  
(50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
(50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
(51) BRIDGE CURB TO CURB WIDTH: **84 FT**  
(52) BRIDGE OUT TO OUT WIDTH: **86 FT**  
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **84.0 FT**  
(33) BRIDGE MEDIAN: **NO MEDIAN**  
(34) BRIDGE SKEW: **24 DEGREES**  
(35) BRIDGE FLARE: **NO FLARE**  
(520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **84.0 FT**  
(54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
(39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
(116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
(40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
(104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
(26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
(102) TRAFFIC DIR: **2-WAY TRAFFIC**  
(103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
(110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
(37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
(59) SUPERSTRUCTURE: **7**  
(60) SUBSTRUCTURE: **7**  
(61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
(62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
(70) BRIDGE POSTING CODE: **5**  
(41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
(68) DECK GEOMETRY: **9**  
(69) UNDERCLEARANCE RATING: **N**  
(71) WATERWAY ADEQUACY: **7**  
(72) APPROACH ROADWAY ALIGNMENT: **8**  
(36) TRAFFIC SAFETY FEATURES: **1001**  
(113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
(76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
(94) BRIDGE IMPROVEMENT COST:  
(95) ROADWAY IMPROVEMENT COST:  
(96) TOTAL PROJECT COST:  
(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
(91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
(93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
(92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
(93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
(92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**NATIONAL BRIDGE INVENTORY  
TENNESSEE INVENTORY AND APPRAISAL REPORT**



BRIDGE ID NUMBER: **39SR0200018**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **HALEY CREEK**  
 LOCATION: **2 MI N OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **18.55**  
 SUFFICIENCY RATING: **82.5**

**IDENTIFICATION**

(16a,b) LATITUDE: **N 35.62947 DEGREES**  
 (17a,b) LONGITUDE: **W 88.29886 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

**BRIDGE TYPE AND MATERIAL**

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

**AGE AND SERVICE**

(27) YEAR THE BRIDGE WAS BUILT: **1998**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

**GEOMETRIC DATA**

(48) MAXIMUM SPAN LENGTH: **57.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **172.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **5 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

**NAVIGATION DATA**

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

**CLASSIFICATION**

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

**CONDITION RATINGS**

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

**DESIGN LOAD AND WEIGHT POSTING**

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

**APPRAISAL**

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **8**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **8**

**RECOMMENDED IMPROVEMENTS**

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

**INSPECTION DATES**

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200017**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **HALEY CREEK**  
 LOCATION: **2 MI N OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **18.55**  
 SUFFICIENCY RATING: **82.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62931 DEGREES**  
 (17a,b) LONGITUDE: **W 88.31544 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1998**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **57.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **172.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **5 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **8**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200019**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **LICK CREEK**  
 LOCATION: **1.1 MI N OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **18.85**  
 SUFFICIENCY RATING: **67.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63036 DEGREES**  
 (17a,b) LONGITUDE: **W 88.29603 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1930**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.4 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **79.7 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **40.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **34.4 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$307,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$31,000.00**  
 (96) TOTAL PROJECT COST: **\$461,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200021**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **CANEY BRANCH**  
 LOCATION: **.1 MI S OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.18**  
 SUFFICIENCY RATING: **69.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63883 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25383 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **16.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **48.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **80.1 FT**

(33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **50 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **40.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **48.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$621,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$63,000.00**  
 (96) TOTAL PROJECT COST: **\$932,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200023**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **DRY CREEK**  
 LOCATION: **1.9 MI S OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.29**  
 SUFFICIENCY RATING: **69.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63908 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25178 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **19.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **55.4 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **80.1 FT**

(33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **40.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **55.4 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$700,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$71,000.00**  
 (96) TOTAL PROJECT COST: **\$1,051,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200025**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **BROWN'S CREEK**  
 LOCATION: **1.4 MI S OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.49**  
 SUFFICIENCY RATING: **84.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63947 DEGREES**  
 (17a,b) LONGITUDE: **W 88.24828 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **85.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **170.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **40.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200026**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **BROWN'S CREEK**  
 LOCATION: **1.4 MI S OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.49**  
 SUFFICIENCY RATING: **84.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63947 DEGREES**  
 (17a,b) LONGITUDE: **W 88.24828 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **85.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **170.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **40.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **8**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200028**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **OVERFLOW**  
 LOCATION: **2 MI S FM DECATUT CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.62**  
 SUFFICIENCY RATING: **84.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63970 DEGREES**  
 (17a,b) LONGITUDE: **W 88.24598 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **85.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **85.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200027**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **OVERFLOW**  
 LOCATION: **2 MI S FM DECATUT CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.62**  
 SUFFICIENCY RATING: **84.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63970 DEGREES**  
 (17a,b) LONGITUDE: **W 88.24598 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **85.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **85.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **8**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/6/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200029**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **BIG CREEK**  
 LOCATION: **.1 MI S OF BEACON RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **24.20**  
 SUFFICIENCY RATING: **84.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63581 DEGREES**  
 (17a,b) LONGITUDE: **W 88.20156 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **INTEGRAL CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **85.3 FT**  
 (49) TOTAL BRIDGE LENGTH: **254.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **40.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200030**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **BIG CREEK**  
 LOCATION: **.1 MI S OF BEACON RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **24.20**  
 SUFFICIENCY RATING: **84.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63581 DEGREES**  
 (17a,b) LONGITUDE: **W 88.20156 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **INTEGRAL CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **85.3 FT**  
 (49) TOTAL BRIDGE LENGTH: **254.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **40.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **8**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200032**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **OVERFLOW**  
 LOCATION: **1 MI S FM DECATUR CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **24.41**  
 SUFFICIENCY RATING: **84.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63658 DEGREES**  
 (17a,b) LONGITUDE: **W 88.19853 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **85.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **170.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0200031**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-412**  
 CROSSING: **OVERFLOW**  
 LOCATION: **1 MI S FM DECATUR CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **SR020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **24.41**  
 SUFFICIENCY RATING: **84.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63658 DEGREES**  
 (17a,b) LONGITUDE: **W 88.19853 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **85.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **170.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **8**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **8**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **DRAINAGE DITCH**  
 LOCATION: **2 MI S OF SR100**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.28**  
 SUFFICIENCY RATING: **78.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.51011 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38078 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1956**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **33.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **39 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$262,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**  
 (96) TOTAL PROJECT COST: **\$394,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **PINEY CREEK**  
 LOCATION: **.1 MI S OF STRLLING RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.07**  
 SUFFICIENCY RATING: **70.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.58158 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38833 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **5**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1956**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2001**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **143.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **32.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.5 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **143 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$363,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$37,000.00**  
 (96) TOTAL PROJECT COST: **\$545,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **POORHOUSE CREEK**  
 LOCATION: **1.9 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.58**  
 SUFFICIENCY RATING: **74.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61444 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40061 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1949**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **27.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **33.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN MINOR ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **27.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$196,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$20,000.00**  
 (96) TOTAL PROJECT COST: **\$295,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **41980**  
 ROAD NAME: **S. BROAD ST.**  
 CROSSING: **BEECH RIVER**  
 LOCATION: **1.3 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.88**  
 SUFFICIENCY RATING: **65.6**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.63206 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40456 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **5**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1990**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **54.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **237.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **64.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **66.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **71.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **64.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **237.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$465,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$47,000.00**  
 (96) TOTAL PROJECT COST: **\$698,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220025**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **41980**  
 ROAD NAME: **S. BROAD ST.**  
 CROSSING: **BRANCH**  
 LOCATION: **IN THE CITY OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **10.74**  
 SUFFICIENCY RATING: **67.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64439 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40139 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **27.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **106.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **65.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **27.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$298,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$30,000.00**  
 (96) TOTAL PROJECT COST: **\$448,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **41980**  
 ROAD NAME: **N. BROAD ST.**  
 CROSSING: **ONE MILE BRANCH**  
 LOCATION: **1 MI S OF SR20**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **12.73**  
 SUFFICIENCY RATING: **83.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66798 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38432 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2004**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **49.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **4.9 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **4.9 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **63 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **89.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **63.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **63.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220015**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **N. BROAD ST.**  
 CROSSING: **GRAVES BRANCH**  
 LOCATION: **1 MI S OF TIMBERLAKE RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **14.61**  
 SUFFICIENCY RATING: **67.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.69525 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38672 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1931**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **4.9 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **4.9 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **60.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **33.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **25.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$413,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$42,000.00**  
 (96) TOTAL PROJECT COST: **\$620,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220017**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **BIG SANDY RIVER**  
 LOCATION: **2 MI SW OF & STRAYLEAF RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **17.64**  
 SUFFICIENCY RATING: **85.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73883 DEGREES**  
 (17a,b) LONGITUDE: **W 88.39194 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **5**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **32.2 FT**  
 (49) TOTAL BRIDGE LENGTH: **186.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **82.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **84.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **80.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **82.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220027**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **41980**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **BRANCH**  
 LOCATION: **4 MI S JCT I40 & SR22**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **17.89**  
 SUFFICIENCY RATING: **81.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74244 DEGREES**  
 (17a,b) LONGITUDE: **W 88.39214 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **27.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **80.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **80.1 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220019**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **BIG BEAVER CREEK**  
 LOCATION: **1 MI N OF CEMETERY RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **19.51**  
 SUFFICIENCY RATING: **85.6**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.76583 DEGREES**  
 (17a,b) LONGITUDE: **W 88.39439 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **8**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **35.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **288.7 FT**  
 (50a) LEFT SIDEWALK WIDTH: **4.9 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **4.9 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **62.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **74.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **63.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **25 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **62.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0111**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

### PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220021**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **LITTLE BEAVER CREEK**  
 LOCATION: **1.5 MI N OF CEMETERY RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **20.10**  
 SUFFICIENCY RATING: **85.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.77428 DEGREES**  
 (17a,b) LONGITUDE: **W 88.39342 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **5**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **36.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **180.4 FT**  
 (50a) LEFT SIDEWALK WIDTH: **4.9 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **4.9 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **63 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **74.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **63.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **63.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400013**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **SR-22 / I-40**  
 LOCATION: **2 MI JCT SR20 & SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.11**  
 SUFFICIENCY RATING: **96.8**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.78889 DEGREES**  
 (17a,b) LONGITUDE: **W 88.39139 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **122.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **245.7 FT**  
 (50a) LEFT SIDEWALK WIDTH: **4.9 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **4.9 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **78.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **90.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **78.7 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **17 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **78.7 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **15.85 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **23.95 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **28.54 FT**

### NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **8**  
 (69) UNDERCLEARANCE RATING: **5**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **N**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0220023**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 22**  
 CROSSING: **BRITT CREEK**  
 LOCATION: **1 M CARROLL-HENDERSON C L**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **22.40**  
 SUFFICIENCY RATING: **76.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80758 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38936 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1998**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **21.3 FT**  
 (49) TOTAL BRIDGE LENGTH: **67.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **84.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **84.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **67.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$714,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$72,000.00**  
 (96) TOTAL PROJECT COST: **\$1,072,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0222001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HWY. 22A**  
 CROSSING: **MILL CREEK**  
 LOCATION: **1.2 MI S OF MULLING RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **2**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.90**  
 SUFFICIENCY RATING: **91.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.54417 DEGREES**  
 (17a,b) LONGITUDE: **W 88.47697 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2007**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **35.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **52.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0222003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HWY. 22A**  
 CROSSING: **MIDDLE FORK CREEK**  
 LOCATION: **1 MI W OF MANCSS RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **2**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.63**  
 SUFFICIENCY RATING: **96.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.55242 DEGREES**  
 (17a,b) LONGITUDE: **W 88.46875 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2007**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **68.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **69.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **40 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **42 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **40.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0222005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HWY. 22A**  
 CROSSING: **WOLF CREEK**  
 LOCATION: **.1 MI S OF PALESTINE RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **2**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.72**  
 SUFFICIENCY RATING: **95.8**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.59028 DEGREES**  
 (17a,b) LONGITUDE: **W 88.44336 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2007**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **53.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **40 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **42 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **40.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR0222007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **41980**  
 ROAD NAME: **COOK ST.**  
 CROSSING: **BRANCH**  
 LOCATION: **9.64M SW JCT SR22&SR22A**

COUNTY: **HENDERSON**  
 ROUTE: **SR022**  
 SPECIAL CASE: **2**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.66**  
 SUFFICIENCY RATING: **87.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62122 DEGREES**  
 (17a,b) LONGITUDE: **W 88.41989 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2003**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **37.7 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **44 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **44.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **44.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1000001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **GOFF BRANCH**  
 LOCATION: **2 MI W OF SR22**

COUNTY: **HENDERSON**  
 ROUTE: **SR100**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.99**  
 SUFFICIENCY RATING: **88.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.49350 DEGREES**  
 (17a,b) LONGITUDE: **W 88.40589 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1931**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **46.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1000003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **MIDDLETON CREEK**  
 LOCATION: **2.6 MI OF HENDERSON CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **SR100**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.93**  
 SUFFICIENCY RATING: **76.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.49339 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38922 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **5**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1932**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1964**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **43.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **157.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **157.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$807,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$81,000.00**  
 (96) TOTAL PROJECT COST: **\$1,211,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1000005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **DRY CREEK**  
 LOCATION: **.2 MI FM HENDERSON CO LI**

COUNTY: **HENDERSON**  
 ROUTE: **SR100**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.18**  
 SUFFICIENCY RATING: **50.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.49944 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36922 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1931**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **42.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **41 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **35 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0101**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **42 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$38,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$4,000.00**  
 (96) TOTAL PROJECT COST: **\$58,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1000007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **EAST FORK CANE CREEK**  
 LOCATION: **1 MI S OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **SR100**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.24**  
 SUFFICIENCY RATING: **65.9**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.51406 DEGREES**  
 (17a,b) LONGITUDE: **W 88.29942 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1931**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **38.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1101**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **26.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$45,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$5,000.00**  
 (96) TOTAL PROJECT COST: **\$68,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1000009**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HWY. 100**  
 CROSSING: **EAST FORK CANE CREEK**  
 LOCATION: **.1 MI S OF HILL RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR100**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.11**  
 SUFFICIENCY RATING: **59.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.51747 DEGREES**  
 (17a,b) LONGITUDE: **W 88.28444 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1931**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **43.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **41 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **31.8 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **37 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **43 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$38,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$4,000.00**  
 (96) TOTAL PROJECT COST: **\$58,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1000011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **66880**  
 ROAD NAME: **HWY. 100**  
 CROSSING: **FLAT CREEK**  
 LOCATION: **1 MI S OF SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR100**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **10.46**  
 SUFFICIENCY RATING: **55.7**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.52778 DEGREES**  
 (17a,b) LONGITUDE: **W 88.24492 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1931**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **30.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **47.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0101**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **32.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$1,000.00**  
 (96) TOTAL PROJECT COST: **\$2,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1040001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-104**  
 CROSSING: **CANE CREEK**  
 LOCATION: **1.3 MI N OF O'BRIEN RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.50**  
 SUFFICIENCY RATING: **95.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76283 DEGREES**  
 (17a,b) LONGITUDE: **W 88.52425 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1985**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **30.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **94.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **35.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **38.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **35.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-104**  
 CROSSING: **SR-104 / I-40**  
 LOCATION: **1.2 MI W JCT SR104**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.34**  
 SUFFICIENCY RATING: **97.3**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.75488 DEGREES**  
 (17a,b) LONGITUDE: **W 88.51400 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **INTEGRAL CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2010**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **118.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **233.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **40 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **41.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **40.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **40.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.5 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **14.11 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **28.87 FT**

### NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **8**  
 (69) UNDERCLEARANCE RATING: **6**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **N**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1040003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-104**  
 CROSSING: **BRANCH**  
 LOCATION: **.8 MILE SOUTHEAST OF I-40**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.15**  
 SUFFICIENCY RATING: **82.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N** **DEGREES**  
 (17a,b) LONGITUDE: **W 88.50139** **DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1985**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **73.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **34.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **38.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **34.4 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1040005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-104**  
 CROSSING: **SPRING CREEK**  
 LOCATION: **8.71 MI.NW.OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.00**  
 SUFFICIENCY RATING: **93.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74369 DEGREES**  
 (17a,b) LONGITUDE: **W 88.49153 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **70.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **35.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **38.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **35.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1040007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-104**  
 CROSSING: **SPRING CREEK**  
 LOCATION: **1 MI SW OF MCKEE LANE**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.02**  
 SUFFICIENCY RATING: **96.6**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.74331 DEGREES**  
 (17a,b) LONGITUDE: **W 88.49161 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **25.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **50.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **35.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **38.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **35.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1040009**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-104**  
 CROSSING: **M. FK. FORKED DEER RIVER**  
 LOCATION: **1 MI S OF UNION CROSS RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **11.69**  
 SUFFICIENCY RATING: **86.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71703 DEGREES**  
 (17a,b) LONGITUDE: **W 88.46603 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **45.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **45.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **35.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **38.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **35.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1040011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **41980**  
 ROAD NAME: **MAIN ST.**  
 CROSSING: **BEECH RIVER**  
 LOCATION: **IN LEXINGTON CITY LIMITS**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **18.20**  
 SUFFICIENCY RATING: **98.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62922 DEGREES**  
 (17a,b) LONGITUDE: **W 88.38656 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1985**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **42.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **121.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **33.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **36.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **33.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1040013**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-104**  
 CROSSING: **PINEY CREEK**  
 LOCATION: **1.5 MI.SOUTH OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.16**  
 SUFFICIENCY RATING: **96.0**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.59622 DEGREES**  
 (17a,b) LONGITUDE: **W 88.36794 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1985**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **34.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **101.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **33.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **36.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **33.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N00**  
 (113) SCOUR CONDITION RATING: **5**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR1040015**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-104**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **4.9 M SW OF SR201**

COUNTY: **HENDERSON**  
 ROUTE: **SR104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **31.60**  
 SUFFICIENCY RATING: **87.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.47881 DEGREES**  
 (17a,b) LONGITUDE: **W 88.32369 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1948**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2011**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **86.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **30.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1011**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670017**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HWY. 114 S.**  
 CROSSING: **BRANCH**  
 LOCATION: **.81 M SE JCT SR100&SR114**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.81**  
 SUFFICIENCY RATING: **88.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.52386 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25144 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **26.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **1.2 M S OF MIDDLEBURG RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.83**  
 SUFFICIENCY RATING: **93.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61278 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27264 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **55.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **109.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **32.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **35.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG RD.**  
 CROSSING: **CANE CREEK**  
 LOCATION: **1.4 M S OF MIDDLEBURG RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.89**  
 SUFFICIENCY RATING: **93.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61356 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27258 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **80.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **240.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **32.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **35.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **1.5 M S OF ROGERS RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.99**  
 SUFFICIENCY RATING: **93.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61492 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27244 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **55.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **109.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **32.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **35.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **1.6 M S OF ROGERS RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.28**  
 SUFFICIENCY RATING: **92.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61918 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27232 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2005**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **55.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **109.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **31.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **36.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670009**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **0.1 M S OF MIDDLEBURG RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.46**  
 SUFFICIENCY RATING: **93.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62167 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27222 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2005**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **55.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **109.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **32.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **36.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG RD.**  
 CROSSING: **BEECH RIVER**  
 LOCATION: **1 M S OF MIDDLEBURG RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.57**  
 SUFFICIENCY RATING: **92.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62375 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27228 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **7**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2005**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **55.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **386.5 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **31.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **35.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/8/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670013**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG RD.**  
 CROSSING: **OVERFLOW**  
 LOCATION: **0.8 M S JCT SR114&SR20**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.73**  
 SUFFICIENCY RATING: **98.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62586 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27197 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2005**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **48.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **194.6 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **32.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80670015**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **0.7 M S JCT SR114&SR20**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.84**  
 SUFFICIENCY RATING: **93.4**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.62739 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27186 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2005**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **48.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **197.5 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **32.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **36.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400031**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **NATCHEZ TRACE RD.**  
 CROSSING: **SR-114 / I-40 EBL**  
 LOCATION: **ON CARROLL CO. BORDER**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **26.47**  
 SUFFICIENCY RATING: **74.4**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.81767 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25261 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **INTEGRAL CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1966**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **63.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **155.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **6 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.67 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **23.62 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **12.14 FT**

### NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **6**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **N**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **155.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$367,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$37,000.00**  
 (96) TOTAL PROJECT COST: **\$551,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39I00400041**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **NATCHEZ TRACE RD.**  
 CROSSING: **SR-114 / I-40 WBL**  
 LOCATION: **THE CAMDEN ROAD**

COUNTY: **HENDERSON**  
 ROUTE: **SR114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **26.48**  
 SUFFICIENCY RATING: **62.5**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.81875 DEGREES**  
 (17a,b) LONGITUDE: **W 88.25208 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **INTEGRAL CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1961**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **2**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **63.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **155.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **6 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.57 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **17.06 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **26.9 FT**

### NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **6**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1100**  
 (113) SCOUR CONDITION RATING: **N**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **155.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$711,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$72,000.00**  
 (96) TOTAL PROJECT COST: **\$1,067,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/7/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80610001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 200**  
 CROSSING: **OVERFLOW**  
 LOCATION: **1 M SW OF HENSN & CHES CL**

COUNTY: **HENDERSON**  
 ROUTE: **SR200**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.59**  
 SUFFICIENCY RATING: **66.7**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.56886 DEGREES**  
 (17a,b) LONGITUDE: **W 88.54561 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1964**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **19.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **57.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **3**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **58.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$122,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$13,000.00**  
 (96) TOTAL PROJECT COST: **\$184,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80610003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 200**  
 CROSSING: **MIDDLE FORK CREEK**  
 LOCATION: **2 M SW OF HENSN & CHES CL**

COUNTY: **HENDERSON**  
 ROUTE: **SR200**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.62**  
 SUFFICIENCY RATING: **50.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.56911 DEGREES**  
 (17a,b) LONGITUDE: **W 88.54528 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1970**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **85.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **4**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **116.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$709,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$71,000.00**  
 (96) TOTAL PROJECT COST: **\$1,064,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2022**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80610005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 200**  
 CROSSING: **BRANCH**  
 LOCATION: **1.9 M S OF POLLOCK RD**

COUNTY: **HENDERSON**  
 ROUTE: **SR200**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.01**  
 SUFFICIENCY RATING: **86.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.58456 DEGREES**  
 (17a,b) LONGITUDE: **W 88.51142 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1961**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S80610007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **41980**  
 ROAD NAME: **STATE HWY. 200**  
 CROSSING: **WOLF CREEK**  
 LOCATION: **1 M SW OF SR22**

COUNTY: **HENDERSON**  
 ROUTE: **SR200**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **10.80**  
 SUFFICIENCY RATING: **92.1**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.62572 DEGREES**  
 (17a,b) LONGITUDE: **W 88.42206 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1995**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **36.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **178.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S81350001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HENDERSON RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2 M S OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **SR201**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.47**  
 SUFFICIENCY RATING: **82.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.45989 DEGREES**  
 (17a,b) LONGITUDE: **W 88.34100 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1998**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S81350003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HENDERSON RD.**  
 CROSSING: **BIG HURRICANE CREEK**  
 LOCATION: **3 MI W OF SARDIS**

COUNTY: **HENDERSON**  
 ROUTE: **SR201**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.58**  
 SUFFICIENCY RATING: **74.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.46108 DEGREES**  
 (17a,b) LONGITUDE: **W 88.33933 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **49.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **49.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$73,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$8,000.00**  
 (96) TOTAL PROJECT COST: **\$110,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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**PUBLICATION DATE**  
**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S81350005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HWY. 201**  
 CROSSING: **BRANCH**  
 LOCATION: **1 M NE JCT (SR210&SR104)**

COUNTY: **HENDERSON**  
 ROUTE: **SR201**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.71**  
 SUFFICIENCY RATING: **70.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.45781 DEGREES**  
 (17a,b) LONGITUDE: **W 88.28350 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1954**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **OTHER STRUCTURAL WORK**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S81350007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **HWY. 201**  
 CROSSING: **WEST FORK DOE CREEK**  
 LOCATION: **2 M S OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **SR201**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.97**  
 SUFFICIENCY RATING: **93.0**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.47258 DEGREES**  
 (17a,b) LONGITUDE: **W 88.27739 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2003**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **97.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **98.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **31.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

### CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1001**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39S81350009**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SARDIS-SCOTTS HILL RD.**  
 CROSSING: **MIDDLE FORK DOE CREEK**  
 LOCATION: **6.4 M S OF SR104**

COUNTY: **HENDERSON**  
 ROUTE: **SR201**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.33**  
 SUFFICIENCY RATING: **85.8**

### IDENTIFICATION

(16a,b) LATITUDE: **N 35.48447 DEGREES**  
 (17a,b) LONGITUDE: **W 88.26281 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1961**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

### CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

### APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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### PUBLICATION DATE

**11-Mar-24**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39016980001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MIDDLEBURG-DECATURVILLE RD.**  
 CROSSING: **FLAT CREEK**  
 LOCATION: **1 MI W OF DECATUR CO.**

COUNTY: **HENDERSON**  
 ROUTE: **SR201**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **13.21**  
 SUFFICIENCY RATING: **90.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.59528 DEGREES**  
 (17a,b) LONGITUDE: **W 88.21681 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1980**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **45.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **124.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/12/2022**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR4590001**  
 BRIDGE OWNER:  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **Little Wolf Creek**  
 LOCATION: **West of Lexington**

COUNTY: **HENDERSON**  
 ROUTE: **SR459**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.70**  
 SUFFICIENCY RATING:

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66493 DEGREES**  
 (17a,b) LONGITUDE: **W 88.45734 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2023**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **22.6 FT**  
 (49) TOTAL BRIDGE LENGTH: **70.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **41.3 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **45.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **NEW STRUCTURE**

## APPRAISAL

(67) STRUCTURAL EVALUATION:  
 (68) DECK GEOMETRY:  
 (69) UNDERCLEARANCE RATING:  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N1N**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/9/2023**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR4590003**  
 BRIDGE OWNER:  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **Branch**  
 LOCATION: **West of Lexington**

COUNTY: **HENDERSON**  
 ROUTE: **SR459**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.16**  
 SUFFICIENCY RATING:

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65978 DEGREES**  
 (17a,b) LONGITUDE: **W 88.45241 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2023**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **37.5 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **41.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **41.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **41.3 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **41.5 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **NEW STRUCTURE**

## APPRAISAL

(67) STRUCTURAL EVALUATION:  
 (68) DECK GEOMETRY:  
 (69) UNDERCLEARANCE RATING:  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N1N**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/9/2023**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR4590005**  
 BRIDGE OWNER:  
 FIPS CODE: **41980**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **Little Wolf Creek**  
 LOCATION: **1.22 MI SE JCT US412**

COUNTY: **HENDERSON**  
 ROUTE: **SR459**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.22**  
 SUFFICIENCY RATING:

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65931 DEGREES**  
 (17a,b) LONGITUDE: **W 88.45163 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2023**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **#Error**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **92.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **184.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **44 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **45.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **60 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **44.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **NEW STRUCTURE**

## APPRAISAL

(67) STRUCTURAL EVALUATION:  
 (68) DECK GEOMETRY:  
 (69) UNDERCLEARANCE RATING:  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/9/2023**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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## PUBLICATION DATE

**11-Mar-24**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR4590007**  
 BRIDGE OWNER:  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **LITTLE WOLF CREEK**  
 LOCATION: **2.5 MILES SW OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **SR459**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.60**  
 SUFFICIENCY RATING:

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63114 DEGREES**  
 (17a,b) LONGITUDE: **W 88.43096 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2023**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **57.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **47.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION:  
 (68) DECK GEOMETRY:  
 (69) UNDERCLEARANCE RATING:  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/9/2023**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR4590009**  
 BRIDGE OWNER:  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **BRANCH**  
 LOCATION: **2.5 MILES SW OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **SR459**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.68**  
 SUFFICIENCY RATING:

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63023 DEGREES**  
 (17a,b) LONGITUDE: **W 88.43044 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2023**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **22.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **46.5 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **41.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **35 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **46.5 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION:  
 (68) DECK GEOMETRY:  
 (69) UNDERCLEARANCE RATING:  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/9/2023**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **39SR4590011**  
 BRIDGE OWNER:  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **Wolf Creek**  
 LOCATION: **2.5 MILES SW OF LEXINGTON**

COUNTY: **HENDERSON**  
 ROUTE: **SR459**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.28**  
 SUFFICIENCY RATING:

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62516 DEGREES**  
 (17a,b) LONGITUDE: **W 88.42270 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **00**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **7**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NONE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2023**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **70.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **491.5 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **44 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **45.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **41.3 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **100 FT**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **44.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION:  
 (68) DECK GEOMETRY:  
 (69) UNDERCLEARANCE RATING:  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/9/2023**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N00**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N00**

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