

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08S61890001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HALLS HILL PK.**  
 CROSSING: **NORTHCUTT CREEK**  
 LOCATION: **10MI SOUTH OF SR96**

COUNTY: **CANNON**  
 ROUTE: **01046**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.68**  
 SUFFICIENCY RATING: **95.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.87880 DEGREES**  
 (17a,b) LONGITUDE: **W 86.16218 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1952**  
 (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: **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: **28.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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 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: **5**  
 (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: **3/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08S42550001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **STONES RIVER RD.**  
 CROSSING: **PARCHCORN HOLLOW BRANCH**  
 LOCATION: **.2MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **01104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.51**  
 SUFFICIENCY RATING: **94.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82803 DEGREES**  
 (17a,b) LONGITUDE: **W 86.02828 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **45.9 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: **35.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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 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: **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: **6**  
 (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: **3/18/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08S42550003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **STONES RIVER RD.**  
 CROSSING: **SHANBORNE BRANCH**  
 LOCATION: **3MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **01104**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.42**  
 SUFFICIENCY RATING: **94.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83200 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99600 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **44.9 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: **36.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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 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: **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: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **3/18/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08E00160001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DICKENS HILL RD.**  
 CROSSING: **SHELTON BRANCH**  
 LOCATION: **5MI NORTH OF COFFEE CO.**

COUNTY: **CANNON**  
 ROUTE: **01114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.98**  
 SUFFICIENCY RATING: **96.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72620 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15867 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **7.9 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: **36.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **40 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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **36.1 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 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): **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: **8**  
 (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: **3/5/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08F00140001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PLEASANT VIEW RD.**  
 CROSSING: **YOUNGBLOOD CREEK**  
 LOCATION: **.2MI WEST OF US70S**

COUNTY: **CANNON**  
 ROUTE: **01119**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.18**  
 SUFFICIENCY RATING: **96.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.75466 DEGREES**  
 (17a,b) LONGITUDE: **W 85.97494 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 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: **51.8 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: **35.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **44.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.5 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 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): **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: **6**  
 (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: **3/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08F00140003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PLEASANT VIEW RD.**  
 CROSSING: **BULLPEN CREEK**  
 LOCATION: **2MI SOUTH OF US70S**

COUNTY: **CANNON**  
 ROUTE: **01119**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.41**  
 SUFFICIENCY RATING: **92.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73241 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99932 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **24.9 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: **26.6 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: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (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: **3/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08011190005**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PLEASANT VIEW RD.**  
 CROSSING: **MCMAHON CREEK**  
 LOCATION: **.1 FROM BLUFF RD**

COUNTY: **CANNON**  
 ROUTE: **01119**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.25**  
 SUFFICIENCY RATING: **96.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67813 DEGREES**  
 (17a,b) LONGITUDE: **W 86.00800 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **18.0 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: **42.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **45.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **45.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.3 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): **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: **9**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **3/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08F00140007**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **IVY BLUFF RD.**  
 CROSSING: **DUKE CREEK**  
 LOCATION: **1MI WEST OF WARREN CO.**

COUNTY: **CANNON**  
 ROUTE: **01119**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.42**  
 SUFFICIENCY RATING: **80.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67708 DEGREES**  
 (17a,b) LONGITUDE: **W 86.00960 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1991**  
 (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: **109.9 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: **24.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **8**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **3/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08F00090001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **JUDGE PURSER HILL RD.**  
 CROSSING: **MOUNTAIN CREEK**  
 LOCATION: **.5MI EAST OF SR146**

COUNTY: **CANNON**  
 ROUTE: **01123**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.50**  
 SUFFICIENCY RATING: **96.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.84274 DEGREES**  
 (17a,b) LONGITUDE: **W 85.94120 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 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: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **6**  
 (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: **3/5/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08F00010001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PORTERFIELD RD.**  
 CROSSING: **ANDREWS CREEK**  
 LOCATION: **4MI NORTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **01125**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.62**  
 SUFFICIENCY RATING: **96.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.85720 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15358 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **30.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **35.4 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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.8 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 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): **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: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (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: **3/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08F00010003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PORTERFIELD RD.**  
 CROSSING: **NORTHCUTT BRANCH**  
 LOCATION: **1 M FROM RUTHERFORD CO LN**

COUNTY: **CANNON**  
 ROUTE: **01125**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.30**  
 SUFFICIENCY RATING: **85.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.87708 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15705 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **15.1 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 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.6 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: **NO RESTRICTION**  
 (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: **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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (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: **3/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MURFREESBORO RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **ON THE RUTHERFORD CO.LINE**

COUNTY: **CANNON**  
 ROUTE: **01376**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **56.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82940 DEGREES**  
 (17a,b) LONGITUDE: **W 86.17842 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1920**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1962**  
 (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: **203.1 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: **34.4 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: **NO RESTRICTION**  
 (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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (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): **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: **5**  
 (68) DECK GEOMETRY: **5**  
 (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 REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **203.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,024,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$103,000.00**  
 (96) TOTAL PROJECT COST: **\$1,537,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/27/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010017**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MURFREESBORO RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **N. RAEDYVILLE & W. CO.LN.**

COUNTY: **CANNON**  
 ROUTE: **01376**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.43**  
 SUFFICIENCY RATING: **63.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82672 DEGREES**  
 (17a,b) LONGITUDE: **W 86.17212 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1924**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1962**  
 (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: **22.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **2.3 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **2.3 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **28.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **30.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **90 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (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 +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: **5**  
 (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 REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **22 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: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MURFREESBORO RD.**  
 CROSSING: **LOCKE CREEK**  
 LOCATION: **2.2 M.I.E.OF RUTHERFORD CO**

COUNTY: **CANNON**  
 ROUTE: **01376**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.25**  
 SUFFICIENCY RATING: **47.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81827 DEGREES**  
 (17a,b) LONGITUDE: **W 86.14308 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1920**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1962**  
 (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: **23.0 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: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **30.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **4**  
 (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): **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: **4**  
 (68) DECK GEOMETRY: **5**  
 (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 REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **67.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$359,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$36,000.00**  
 (96) TOTAL PROJECT COST: **\$539,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010005**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MURFREESBORO RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **2.6 M.I.E.OF RUTHERFORD CO**

COUNTY: **CANNON**  
 ROUTE: **01376**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.56**  
 SUFFICIENCY RATING: **56.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81853 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13732 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1924**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1962**  
 (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: **190.9 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: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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: **5**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **190.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$967,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$97,000.00**  
 (96) TOTAL PROJECT COST: **\$1,451,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/27/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010007**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MURFREESBORO RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **2.5 M.I.E.OF RUTHERFORD CO**

COUNTY: **CANNON**  
 ROUTE: **01376**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.88**  
 SUFFICIENCY RATING: **61.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82023 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13205 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **6**  
 (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: **1924**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1962**  
 (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: **217.8 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: **36.4 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: **NO RESTRICTION**  
 (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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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: **5**  
 (68) DECK GEOMETRY: **5**  
 (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 REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **217.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,094,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$110,000.00**  
 (96) TOTAL PROJECT COST: **\$1,642,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/27/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08013760001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MURFREESBORO RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2 MI WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **01376**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.02**  
 SUFFICIENCY RATING: **48.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82317 DEGREES**  
 (17a,b) LONGITUDE: **W 86.11286 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1924**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1962**  
 (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: **28.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **33.1 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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **28.2 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: **NO**  
 (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: **4**  
 (59) SUPERSTRUCTURE: **4**  
 (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): **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: **5**  
 (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: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **40 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: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010009**  
 BRIDGE OWNER: **CITY OF WOODBURY**  
 FIPS CODE: **81560**  
 ROAD NAME: **W. MAIN ST.**  
 CROSSING: **RUSH CREEK**  
 LOCATION: **NEAR SR-1 JUNCTION**

COUNTY: **CANNON**  
 ROUTE: **01376**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.48**  
 SUFFICIENCY RATING: **50.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82564 DEGREES**  
 (17a,b) LONGITUDE: **W 86.08760 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1924**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1962**  
 (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: **23.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **44.9 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: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **4**  
 (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): **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: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **44.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$249,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$25,000.00**  
 (96) TOTAL PROJECT COST: **\$374,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08S43570005**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BRADYVILLE RD.**  
 CROSSING: **STONES RIVER**  
 LOCATION: **5.5 MILES S.W. WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **01381**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.50**  
 SUFFICIENCY RATING: **82.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81398 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15155 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **48.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **242.1 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: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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 +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: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (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: **3/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021260001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WARREN RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **5MI EAST OF SR146**

COUNTY: **CANNON**  
 ROUTE: **02126**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.08**  
 SUFFICIENCY RATING: **85.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83349 DEGREES**  
 (17a,b) LONGITUDE: **W 85.91319 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **6**  
 (68) DECK GEOMETRY: **N**  
 (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: **3/5/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08S43570001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BURT-BURGEN RD.**  
 CROSSING: **CARSON FORK CREEK**  
 LOCATION: **3MI WEST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **02141**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.36**  
 SUFFICIENCY RATING: **79.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73143 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12182 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **86.0 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: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **86 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$403,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$41,000.00**  
 (96) TOTAL PROJECT COST: **\$605,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/5/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021430001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOCKE CREEK RD.**  
 CROSSING: **LOCKE CREEK**  
 LOCATION: **1MI NORTH OF US 70S**

COUNTY: **CANNON**  
 ROUTE: **02143**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.05**  
 SUFFICIENCY RATING: **88.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83135 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13592 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **18.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **92.2 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: **29.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **50 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1110**  
 (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: **3/12/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021430003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOCKE CREEK RD.**  
 CROSSING: **LOCKE CREEK**  
 LOCATION: **2MI NORTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **02143**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.00**  
 SUFFICIENCY RATING: **80.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.87183 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13078 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1989**  
 (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: **45.9 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: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **5**  
 (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: **3/12/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1450015**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOCKE CREEK RD.**  
 CROSSING: **NFA 2143 / SR145**  
 LOCATION: **3 MI N. OF WOODBURG TN.**

COUNTY: **CANNON**  
 ROUTE: **02143**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.01**  
 SUFFICIENCY RATING: **79.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.87188 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09765 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **EPOXY COATED REINFORCING**

## 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: **HIGHWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **2**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **125.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **453.1 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: **24 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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.0 FT**  
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **52.59 FT**  
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **31.82 FT**  
 (56) MIN HORZ UNDERCLR ON LEFT: **31.82 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: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (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: **4**  
 (69) UNDERCLEARANCE RATING: **9**  
 (71) WATERWAY ADEQUACY: **N**  
 (72) APPROACH ROADWAY ALIGNMENT: **5**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **N**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **453.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$771,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$78,000.00**  
 (96) TOTAL PROJECT COST: **\$1,157,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **2/25/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021450001**  
 BRIDGE OWNER: **CITY OF WOODBURY**  
 FIPS CODE: **81560**  
 ROAD NAME: **DOOLITTLE RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **.09 MI NORTH OF US70S**

COUNTY: **CANNON**  
 ROUTE: **02145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.09**  
 SUFFICIENCY RATING: **94.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82922 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07352 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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 CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **PREFORMED FABRIC**  
 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: **61.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **222.1 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: **36.1 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: **NO RESTRICTION**  
 (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 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: **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: **5**  
 (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: **3/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08S44810003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **81560**  
 ROAD NAME: **DOOLITTLE RD.**  
 CROSSING: **DOOLITTLE BRANCH**  
 LOCATION: **NEAR WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **02145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.84**  
 SUFFICIENCY RATING: **72.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83926 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07184 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **12.1 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: **26.2 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: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **56.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$265,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**  
 (96) TOTAL PROJECT COST: **\$398,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021470001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HURRICANE CREEK RD.**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **.1 MI EAST OF SR96**

COUNTY: **CANNON**  
 ROUTE: **02147**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.13**  
 SUFFICIENCY RATING: **83.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.96295 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07491 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **33.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **7**  
 (68) DECK GEOMETRY: **5**  
 (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: **3/26/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021510001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BIG HILL RD.**  
 CROSSING: **MARTIN BRANCH**  
 LOCATION: **3MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **02151**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.45**  
 SUFFICIENCY RATING: **81.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.91148 DEGREES**  
 (17a,b) LONGITUDE: **W 85.97375 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **15.1 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: **22.3 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: **NO RESTRICTION**  
 (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): **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: **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: **3/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021510003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BIG HILL RD.**  
 CROSSING: **CLEAR FORK CREEK**  
 LOCATION: **3MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **02151**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.33**  
 SUFFICIENCY RATING: **85.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.91895 DEGREES**  
 (17a,b) LONGITUDE: **W 85.98585 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1994**  
 (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: **55.1 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: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **6**  
 (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: **3/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021510005**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **GASSAWAY MAIN ST.**  
 CROSSING: **CLEAR FORK CREEK**  
 LOCATION: **.2 MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **02151**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.10**  
 SUFFICIENCY RATING: **79.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.94040 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99593 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1989**  
 (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: **49.9 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: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **HISTORICAL SIGNIFICANCE HAS  
NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **8**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (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: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (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: **3/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08021510007**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **GASSAWAY MAIN ST.**  
 CROSSING: **CONNELL CREEK**  
 LOCATION: **.1 MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **02151**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.19**  
 SUFFICIENCY RATING: **96.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.93997 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99747 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1989**  
 (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: **56.1 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: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **5**  
 (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: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **3/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0010001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **R.L. OVERALL RD.**  
 CROSSING: **MARSHALL CREEK**  
 LOCATION: **2 MI NORTH OF SR96**

COUNTY: **CANNON**  
 ROUTE: **0A001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **20.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95222 DEGREES**  
 (17a,b) LONGITUDE: **W 86.11622 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (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): **3 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: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **64 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$358,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$36,000.00**  
 (96) TOTAL PROJECT COST: **\$538,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/26/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0020001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **E. TATE RD.**  
 CROSSING: **MARSHALL CREEK**  
 LOCATION: **2.2 MI NORTH OF SR96**

COUNTY: **CANNON**  
 ROUTE: **0A002**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **58.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95295 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12067 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **25.3 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.3 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **12.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **25 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.1 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: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (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): **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: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **25.3 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$99,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$10,000.00**  
 (96) TOTAL PROJECT COST: **\$149,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/26/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0040001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **FLETCHER MCGREGORY LN.**  
 CROSSING: **MARSHALL CREEK**  
 LOCATION: **2.2 MI NORTH OF SR96**

COUNTY: **CANNON**  
 ROUTE: **0A004**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.05**  
 SUFFICIENCY RATING: **42.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95527 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12805 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **31.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **31.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 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: **NO RESTRICTION**  
 (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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **53.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$301,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$31,000.00**  
 (96) TOTAL PROJECT COST: **\$452,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/21/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010015**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **CRANE BRANCH**  
 LOCATION: **1.2 MI.W.OF WARREN CO.LI.**

COUNTY: **CANNON**  
 ROUTE: **0A006**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.96**  
 SUFFICIENCY RATING: **85.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76899 DEGREES**  
 (17a,b) LONGITUDE: **W 85.97969 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1924**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1962**  
 (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: **23.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **44.9 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: **34.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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 RURAL ROAD**  
 (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: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (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: **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: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **44.9 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: **3/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0080001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **P. DAVIS RD.**  
 CROSSING: **SANDERS FORK CREEK**  
 LOCATION: **OFF SR145 S OF AUBURNTOWN**

COUNTY: **CANNON**  
 ROUTE: **0A008**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **53.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.92935 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09554 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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 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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **23.6 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: **11.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **11.8 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (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): **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: **3**  
 (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 WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **49.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$177,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$18,000.00**  
 (96) TOTAL PROJECT COST: **\$266,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/12/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0090001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HASTINGS LN.**  
 CROSSING: **SANDERS FORK CREEK**  
 LOCATION: **OFF SR145 S OF AUBURN TOWN**

COUNTY: **CANNON**  
 ROUTE: **0A009**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **45.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.92085 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10111 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **WOOD OR TIMBER**  
 (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: **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: **23.6 FT**  
 (49) TOTAL BRIDGE LENGTH: **59.7 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **9.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **9.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **9.8 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: **4**  
 (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: **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: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **7**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **83 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$432,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$44,000.00**  
 (96) TOTAL PROJECT COST: **\$649,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/12/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0130001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **ROBBIES LN.**  
 CROSSING: **SAUNDERS FORK CREEK**  
 LOCATION: **OFF SR145 S OF AUBURNTOWN**

COUNTY: **CANNON**  
 ROUTE: **0A013**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **42.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.91152 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10170 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **48.9 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: **11.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.5 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 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: **5**  
 (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: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **8 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **15 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **71.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$400,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$41,000.00**  
 (96) TOTAL PROJECT COST: **\$601,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/26/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0140001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MCALLISTER LN.**  
 CROSSING: **SAUNDERS FORK CREEK**  
 LOCATION: **OFF SR145 S OF AUBURNTOWN**

COUNTY: **CANNON**  
 ROUTE: **0A014**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.02**  
 SUFFICIENCY RATING: **23.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.90930 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10212 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **23.6 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.6 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **44.6 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$251,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$26,000.00**  
 (96) TOTAL PROJECT COST: **\$377,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/26/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0200001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **KENNEDY CREEK RD.**  
 CROSSING: **FODDERSTACK CREEK**  
 LOCATION: **.22MI FROM WILSON CO LI**

COUNTY: **CANNON**  
 ROUTE: **0A020**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.25**  
 SUFFICIENCY RATING: **78.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.96670 DEGREES**  
 (17a,b) LONGITUDE: **W 86.08754 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **14.1 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: **27.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **33.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **6**  
 (68) DECK GEOMETRY: **5**  
 (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: **3/21/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0210001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MARSHALL CREEK RD.**  
 CROSSING: **MARSHALL CREEK**  
 LOCATION: **1MI NORTH OF SR96**

COUNTY: **CANNON**  
 ROUTE: **0A021**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.45**  
 SUFFICIENCY RATING: **48.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95256 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10947 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **30.8 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: **18 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **18 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **40 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **4**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (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): **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: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **94.5 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$556,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$56,000.00**  
 (96) TOTAL PROJECT COST: **\$835,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/12/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0220001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HUGHES RD.**  
 CROSSING: **MARSHALL CREEK**  
 LOCATION: **3MI NORTH OF SR96**

COUNTY: **CANNON**  
 ROUTE: **0A022**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.07**  
 SUFFICIENCY RATING: **73.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95667 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13895 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1940**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2003**  
 (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: **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: **12.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **13.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **12 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.5 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 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: **7**  
 (60) SUBSTRUCTURE: **6**  
 (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): **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: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1N10**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$83,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$125,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/24/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0230001**  
 BRIDGE OWNER: **CITY OF AUBURN TOWN**  
 FIPS CODE: **02400**  
 ROAD NAME: **BRIDGE RD.**  
 CROSSING: **SAUNDERS FORK CREEK**  
 LOCATION: **05MI WEST OF SR96**

COUNTY: **CANNON**  
 ROUTE: **0A023**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.02**  
 SUFFICIENCY RATING: **97.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95197 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09218 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **19.0 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: **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: **12 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **7**  
 (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: **4/23/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0230003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BRIDGE RD.**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **.5MI EAST OF SR96**

COUNTY: **CANNON**  
 ROUTE: **0A023**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.46**  
 SUFFICIENCY RATING: **92.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95990 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07130 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **22 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: **NO RESTRICTION**  
 (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: **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: **3**  
 (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: **4/23/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0280001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DAVENPORT RD.**  
 CROSSING: **SAUNDERS FORK CREEK**  
 LOCATION: **.03 MI EAST OF SR145**

COUNTY: **CANNON**  
 ROUTE: **0A028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.02**  
 SUFFICIENCY RATING: **58.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.93603 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09162 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **22.0 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: **11.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **11.2 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **10.8 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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (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: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **48.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$165,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$17,000.00**  
 (96) TOTAL PROJECT COST: **\$248,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/24/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0330001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SHILOH CHURCH RD.**  
 CROSSING: **SAUNDERS FORK CREEK**  
 LOCATION: **.02 MI EAST OF SR145**

COUNTY: **CANNON**  
 ROUTE: **0A033**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.02**  
 SUFFICIENCY RATING: **46.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.90242 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10182 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1920**  
 (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: **37.1 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: **11.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **13.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **26 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **10.8 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: **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: **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: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **65 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$359,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$36,000.00**  
 (96) TOTAL PROJECT COST: **\$539,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/24/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0340001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BRYSON RD.**  
 CROSSING: **SANDERS FORK CREEK**  
 LOCATION: **.13 MI EAST OF SR145**

COUNTY: **CANNON**  
 ROUTE: **0A034**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.08**  
 SUFFICIENCY RATING: **88.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.89298 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10113 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **23.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **6**  
 (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: **4/23/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0340003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BRYSON RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **.13 MI FROM SR145**

COUNTY: **CANNON**  
 ROUTE: **0A034**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.13**  
 SUFFICIENCY RATING: **88.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.89278 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10032 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **44.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **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: **4/23/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0380001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BRYSON DEWEY HOLLOW RD.**  
 CROSSING: **LOCKE CREEK**  
 LOCATION: **4MI WEST OF SR145**

COUNTY: **CANNON**  
 ROUTE: **0A038**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **78.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.84990 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12702 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **23 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: **NO RESTRICTION**  
 (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: **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: **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: **4/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0440001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **DEMENT HOLLOW RD.**  
 CROSSING: **NORTHCUTT BRANCH**  
 LOCATION: **6MI WEST OF SR145**

COUNTY: **CANNON**  
 ROUTE: **0A044**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.14**  
 SUFFICIENCY RATING: **44.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.87669 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15453 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.9 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: **14.4 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **35 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **49.5 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$276,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$28,000.00**  
 (96) TOTAL PROJECT COST: **\$415,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/29/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0530001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WILSON HOLLOW RD.**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **3MI EAST OF SR145**

COUNTY: **CANNON**  
 ROUTE: **0A053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.30**  
 SUFFICIENCY RATING: **61.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.90198 DEGREES**  
 (17a,b) LONGITUDE: **W 86.06710 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **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: **1**  
 (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: **11.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (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: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1N10**  
 (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: **\$99,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$10,000.00**  
 (96) TOTAL PROJECT COST: **\$149,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/29/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0540001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SYCAMORE CREEK RD.**  
 CROSSING: **SPOUT SPRINGS BRANCH**  
 LOCATION: **3MI WEST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A054**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.42**  
 SUFFICIENCY RATING: **59.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.94658 DEGREES**  
 (17a,b) LONGITUDE: **W 86.02972 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **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: **32.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **32.8 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: **23 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **13.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **65 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (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-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **12 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **21 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE DECK REPAIR**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **32.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$34,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$4,000.00**  
 (96) TOTAL PROJECT COST: **\$52,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0540003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SYCAMORE CREEK RD.**  
 CROSSING: **SYCAMORE CREEK**  
 LOCATION: **.1MI WEST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A054**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.29**  
 SUFFICIENCY RATING: **89.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95182 DEGREES**  
 (17a,b) LONGITUDE: **W 86.00035 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **49.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **149.9 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: **28.2 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: **NO RESTRICTION**  
 (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: **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: **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: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **7**  
 (36) TRAFFIC SAFETY FEATURES: **1110**  
 (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: **4/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0590001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BLAIR BRANCH RD.**  
 CROSSING: **SYCAMORE CREEK**  
 LOCATION: **.3MI WEST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A059**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **86.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.94970 DEGREES**  
 (17a,b) LONGITUDE: **W 86.00640 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (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: **4/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0590003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BLAIR BRANCH RD.**  
 CROSSING: **BLAIR CREEK**  
 LOCATION: **1.5 MI FROM CREEK RD**

COUNTY: **CANNON**  
 ROUTE: **0A059**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.77**  
 SUFFICIENCY RATING: **19.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.93996 DEGREES**  
 (17a,b) LONGITUDE: **W 86.01423 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **1**  
 (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: **15.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **15.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **34 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **15.1 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: **NO**  
 (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: **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): **3 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **3 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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **40 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$227,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$23,000.00**  
 (96) TOTAL PROJECT COST: **\$341,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0610001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CAVENDER RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **0.17 MI NORTH OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A061**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.18**  
 SUFFICIENCY RATING: **96.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83163 DEGREES**  
 (17a,b) LONGITUDE: **W 86.04518 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **48.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **28.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **28.9 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): **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: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (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: **4/10/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0610003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CAVENDER RD.**  
 CROSSING: **CAVENDER BRANCH**  
 LOCATION: **2MI NORTH OF US70S**

COUNTY: **CANNON**  
 ROUTE: **0A061**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.67**  
 SUFFICIENCY RATING: **77.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.85217 DEGREES**  
 (17a,b) LONGITUDE: **W 86.04588 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **21 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **23.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **6**  
 (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: **4/10/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0660001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **JIM HOLLOW RD.**  
 CROSSING: **ROCKHOUSE CREEK**  
 LOCATION: **1MI NORTH OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A066**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **85.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83832 DEGREES**  
 (17a,b) LONGITUDE: **W 86.03075 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **24 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: **NO RESTRICTION**  
 (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: **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: **6**  
 (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: **4/10/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0660001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SEALS HOLLOW RD.**  
 CROSSING: **ROCKHOUSE CREEK**  
 LOCATION: **1MI NORTH OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A066**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **85.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83832 DEGREES**  
 (17a,b) LONGITUDE: **W 86.03075 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **24 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: **NO RESTRICTION**  
 (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: **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: **6**  
 (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: **4/10/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0660003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SEALS HOLLOW RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **.5MI EAST OF SR 53**

COUNTY: **CANNON**  
 ROUTE: **0A066**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.30**  
 SUFFICIENCY RATING: **87.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83973 DEGREES**  
 (17a,b) LONGITUDE: **W 86.02587 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **45.9 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: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **31 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **4/10/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0700001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SUGAR TREE KNOB RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **4MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A070**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **85.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83302 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99475 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **22.3 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: **NO RESTRICTION**  
 (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: **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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **4/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0700001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MASON HOLLOW RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **4MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A070**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **85.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83302 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99475 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **22.3 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: **NO RESTRICTION**  
 (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: **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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **4/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0760001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WILMOUTH CREEK RD.**  
 CROSSING: **CLEAR FORK CREEK**  
 LOCATION: **3MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A076**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.25**  
 SUFFICIENCY RATING: **85.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.92152 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99012 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **EPOXY COATED REINFORCING**

## 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: **65.0 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: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **23.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **4/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0780001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MELTON HOLLOW RD.**  
 CROSSING: **WILMORE CREEK**  
 LOCATION: **5MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A078**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **58.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.89808 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99185 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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 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: **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: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.4 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: **17.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **17.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.7 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **12 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **21 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **33.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$84,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$127,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A0900001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **TATE RD.**  
 CROSSING: **CONNELL CREEK**  
 LOCATION: **.03 MI SOUTHEAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A090**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.02**  
 SUFFICIENCY RATING: **35.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.91782 DEGREES**  
 (17a,b) LONGITUDE: **W 86.01408 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1920**  
 (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: **26.9 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: **13.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **13.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **13.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **12 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.8 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: **5**  
 (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): **18 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (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: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **51.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$288,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$29,000.00**  
 (96) TOTAL PROJECT COST: **\$433,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1020001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BARRETT RD.**  
 CROSSING: **MOUNTAIN CREEK**  
 LOCATION: **2MI EAST OF SR146**

COUNTY: **CANNON**  
 ROUTE: **0A102**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **2**  
 LOG MILE: **1.22**  
 SUFFICIENCY RATING: **96.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81996 DEGREES**  
 (17a,b) LONGITUDE: **W 85.93167 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **11.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.3 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: **23.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **4/17/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1080001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PARCHCORN HOLLOW RD.**  
 CROSSING: **PARCHCORN HOLLOW BRANCH**  
 LOCATION: **.5MI SOUTH OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A108**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.61**  
 SUFFICIENCY RATING: **50.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82172 DEGREES**  
 (17a,b) LONGITUDE: **W 86.02147 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1940**  
 (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: **27.9 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: **12.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **19 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.5 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 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: **5**  
 (60) SUBSTRUCTURE: **6**  
 (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): **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **51.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$289,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$29,000.00**  
 (96) TOTAL PROJECT COST: **\$434,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1090001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **JOHNSON HOLLOW RD.**  
 CROSSING: **SHANBORNE BRANCH**  
 LOCATION: **5MI.EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A109**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.07**  
 SUFFICIENCY RATING: **91.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83097 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99603 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **24.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **44.9 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: **50.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **60 DEGREES**  
 (35) BRIDGE FLARE: **YES, FLARED**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **6**  
 (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: **4/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1170001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SMITH TOWN RD.**  
 CROSSING: **CHARLES CREEK**  
 LOCATION: **2MI EAST OF SR146**

COUNTY: **CANNON**  
 ROUTE: **0A117**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.37**  
 SUFFICIENCY RATING: **93.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.78633 DEGREES**  
 (17a,b) LONGITUDE: **W 85.94088 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **13.1 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: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **4/17/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1240001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HILL CREEK RD.**  
 CROSSING: **HILL CREEK**  
 LOCATION: **1MI SOUTH OF US70S**

COUNTY: **CANNON**  
 ROUTE: **0A124**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.55**  
 SUFFICIENCY RATING: **78.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80215 DEGREES**  
 (17a,b) LONGITUDE: **W 86.03483 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **24.0 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: **22 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: **60 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **4/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1310001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SAINT JOHN HOLLOW RD.**  
 CROSSING: **HILL CREEK**  
 LOCATION: **1MI SOUTH OF US70S**

COUNTY: **CANNON**  
 ROUTE: **0A131**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.52**  
 SUFFICIENCY RATING: **44.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80116 DEGREES**  
 (17a,b) LONGITUDE: **W 86.02973 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1940**  
 (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: **26.9 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: **15.4 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **15.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **39 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **15.4 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: **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: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **18 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **51.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$288,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$29,000.00**  
 (96) TOTAL PROJECT COST: **\$433,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1410001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BULLPEN RD.**  
 CROSSING: **BULL PEN CREEK**  
 LOCATION: **2MI WEST OF PLEASANT VIEW**

COUNTY: **CANNON**  
 ROUTE: **0A141**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.99**  
 SUFFICIENCY RATING: **39.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74248 DEGREES**  
 (17a,b) LONGITUDE: **W 86.02551 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1920**  
 (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: **28.9 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: **13.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **26 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **13.1 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: **6**  
 (59) SUPERSTRUCTURE: **4**  
 (60) SUBSTRUCTURE: **4**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (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: **4**  
 (68) DECK GEOMETRY: **5**  
 (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 REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **52.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$294,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$30,000.00**  
 (96) TOTAL PROJECT COST: **\$442,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/3/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1410003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BULLPEN RD.**  
 CROSSING: **BULLPEN CREEK**  
 LOCATION: **2MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A141**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.75**  
 SUFFICIENCY RATING: **90.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73680 DEGREES**  
 (17a,b) LONGITUDE: **W 86.01592 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2014**  
 (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: **80.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **80.4 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: **218.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **40 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **8**  
 (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: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (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: **4/3/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1410005**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LEWIS RD.**  
 CROSSING: **MCPAHAN CREEK**  
 LOCATION: **4MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A141**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.05**  
 SUFFICIENCY RATING: **75.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.69175 DEGREES**  
 (17a,b) LONGITUDE: **W 86.01297 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1994**  
 (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: **21.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **91.9 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: **27.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **4**

## 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: **4/3/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1550001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SISSION DR.**  
 CROSSING: **DUKE CREEK**  
 LOCATION: **3MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A155**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.21**  
 SUFFICIENCY RATING: **43.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66437 DEGREES**  
 (17a,b) LONGITUDE: **W 86.03322 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **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: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **3 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **13.8 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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **4**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**  
 (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: **4**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **4**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **62 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$330,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$34,000.00**  
 (96) TOTAL PROJECT COST: **\$496,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/3/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **04/2019**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **Y12**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1650001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CHARLEY LEWIS RD.**  
 CROSSING: **LIBERTY CREEK**  
 LOCATION: **2MI EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A165**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.04**  
 SUFFICIENCY RATING: **85.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64753 DEGREES**  
 (17a,b) LONGITUDE: **W 86.04362 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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 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: **NO RESTRICTION**  
 (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: **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: **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: **4/3/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1810001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **GILLEY HILL RD.**  
 CROSSING: **BRAWLEYS FORK CREEK**  
 LOCATION: **1MI NORTH OF COFFEE CO.**

COUNTY: **CANNON**  
 ROUTE: **0A181**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.70**  
 SUFFICIENCY RATING: **21.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.69487 DEGREES**  
 (17a,b) LONGITUDE: **W 86.16617 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **24.9 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: **18 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **18 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **19.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **5**  
 (59) SUPERSTRUCTURE: **4**  
 (60) SUBSTRUCTURE: **5**  
 (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): **8 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **15 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **48.6 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$305,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$31,000.00**  
 (96) TOTAL PROJECT COST: **\$458,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1810003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **GILLEY HILL RD.**  
 CROSSING: **BRAWLEYS FORK CREEK**  
 LOCATION: **3MI NORTH OF COFFEE CO.**

COUNTY: **CANNON**  
 ROUTE: **0A181**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.64**  
 SUFFICIENCY RATING: **88.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.70739 DEGREES**  
 (17a,b) LONGITUDE: **W 86.17207 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **30.5 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: **27.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **22 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **4/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1810005**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **GILLEY HILL RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **3MI NORTH OF COFFEE CO.**

COUNTY: **CANNON**  
 ROUTE: **0A181**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.87**  
 SUFFICIENCY RATING: **85.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.70738 DEGREES**  
 (17a,b) LONGITUDE: **W 86.17601 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **22.3 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: **NO RESTRICTION**  
 (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: **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: **4/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1830001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HOPEWELL RD.**  
 CROSSING: **BRAWLEYS FORK CREEK**  
 LOCATION: **1MI EAST OF RUTHERFORD CO**

COUNTY: **CANNON**  
 ROUTE: **0A183**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **96.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71437 DEGREES**  
 (17a,b) LONGITUDE: **W 86.17552 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **25.6 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: **NO RESTRICTION**  
 (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: **5**  
 (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: **4/10/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1840001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HOWARD YOUREE RD.**  
 CROSSING: **DUG BRANCH**  
 LOCATION: **5MI NORTH OF COFFEE CO.**

COUNTY: **CANNON**  
 ROUTE: **0A184**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.06**  
 SUFFICIENCY RATING: **53.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72710 DEGREES**  
 (17a,b) LONGITUDE: **W 86.18457 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **37.1 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: **18.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **19.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **12 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **18.4 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: **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: **4**  
 (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): **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: **4**  
 (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 WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **39 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$91,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$10,000.00**  
 (96) TOTAL PROJECT COST: **\$137,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1950001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **VASSAR RD.**  
 CROSSING: **CARSON FORK CREEK**  
 LOCATION: **7MI NORTH OF COFFEE CO**

COUNTY: **CANNON**  
 ROUTE: **0A195**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **90.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72781 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12237 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **27.2 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: **NO RESTRICTION**  
 (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: **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: **6**  
 (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: **4/10/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1960001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **COVE HILL RD.**  
 CROSSING: **DUCK BRANCH**  
 LOCATION: **8MI NORTH OF COFFEE CO**

COUNTY: **CANNON**  
 ROUTE: **0A196**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.11**  
 SUFFICIENCY RATING: **82.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73028 DEGREES**  
 (17a,b) LONGITUDE: **W 86.11992 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **16.1 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: **23.3 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: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **6**  
 (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: **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: **5/20/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1990001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PETTY GAP RD.**  
 CROSSING: **SPRING BRANCH**  
 LOCATION: **6MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A199**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.02**  
 SUFFICIENCY RATING: **81.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76132 DEGREES**  
 (17a,b) LONGITUDE: **W 86.11447 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **83.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **83.0 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: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **8**  
 (68) DECK GEOMETRY: **4**  
 (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: **5/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A1990003**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BURT RD.**  
 CROSSING: **CARSON FORK CREEK**  
 LOCATION: **5MI SOUTH OF US70S**

COUNTY: **CANNON**  
 ROUTE: **0A199**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.54**  
 SUFFICIENCY RATING: **86.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.77492 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12523 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **33.1 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: **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: **NO RESTRICTION**  
 (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: **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: **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: **5/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2040001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CONLEY LN.**  
 CROSSING: **CARSON FORK CREEK**  
 LOCATION: **NEAR BURT TN**

COUNTY: **CANNON**  
 ROUTE: **0A204**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.21**  
 SUFFICIENCY RATING: **99.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76668 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13197 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **40.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **115.8 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: **50 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1110**  
 (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: **5/20/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2160001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **KNOX RD.**  
 CROSSING: **BRAWLEY'S FORK CREEK**  
 LOCATION: **7MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A216**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.22**  
 SUFFICIENCY RATING: **67.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76373 DEGREES**  
 (17a,b) LONGITUDE: **W 86.16842 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **1940**  
 (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: **49.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **11.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **19 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.2 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: **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: **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): **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: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **5**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1110**  
 (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: **\$168,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$17,000.00**  
 (96) TOTAL PROJECT COST: **\$253,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/23/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2180001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CURLEE CHURCH RD.**  
 CROSSING: **BRAWLEY'S FORK CREEK**  
 LOCATION: **5MI SOUTH OF US70S**

COUNTY: **CANNON**  
 ROUTE: **0A218**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.23**  
 SUFFICIENCY RATING: **86.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76148 DEGREES**  
 (17a,b) LONGITUDE: **W 86.16138 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **75.5 FT**  
 (49) TOTAL BRIDGE LENGTH: **75.5 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: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **8**  
 (59) SUPERSTRUCTURE: **8**  
 (60) SUBSTRUCTURE: **8**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (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: **8**  
 (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: **5/23/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2200001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LASSITER RD.**  
 CROSSING: **BRAWLEY'S FORK CREEK**  
 LOCATION: **4MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A220**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.06**  
 SUFFICIENCY RATING: **88.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.78528 DEGREES**  
 (17a,b) LONGITUDE: **W 86.16117 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **EPOXY COATED REINFORCING**

## 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: **68.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **23.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (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: **5/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2230001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BARKER RD. S.**  
 CROSSING: **BRAWLEY'S FORK CREEK**  
 LOCATION: **1MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A223**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.04**  
 SUFFICIENCY RATING: **85.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80200 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15093 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **UNKNOWN**

## 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: **54.1 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: **25.6 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: **NO RESTRICTION**  
 (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): **8**

## 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: **8**  
 (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: **5/20/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2250001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HOLLIS CREEK RD.**  
 CROSSING: **HOLLIS CREEK**  
 LOCATION: **.5 MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A225**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.63**  
 SUFFICIENCY RATING: **90.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81463 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12648 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## 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: **39.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **116.1 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: **29.5 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: **NO RESTRICTION**  
 (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: **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: **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: **8**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **5/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2260001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HOOVER MILL RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **.2MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A226**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.19**  
 SUFFICIENCY RATING: **97.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82035 DEGREES**  
 (17a,b) LONGITUDE: **W 86.11438 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **EPOXY**  
 C) TYPE PROTECTION: **NONE**

## 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: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **59.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **174.9 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: **24.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (60) SUBSTRUCTURE: **8**  
 (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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **5/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2270001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **C. L. BARRETT RD.**  
 CROSSING: **HOLLIS CREEK**  
 LOCATION: **4MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A227**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.10**  
 SUFFICIENCY RATING: **90.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79643 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10700 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **15.4 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: **21.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.3 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.3 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: **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: **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: **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: **5/2/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2280001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOVE RD.**  
 CROSSING: **HOLLIS CREEK**  
 LOCATION: **5MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A228**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **56.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79490 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10182 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.9 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: **12.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **25.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$100,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$11,000.00**  
 (96) TOTAL PROJECT COST: **\$151,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/2/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2290001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SUNNY SLOPE RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A229**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.34**  
 SUFFICIENCY RATING: **96.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81195 DEGREES**  
 (17a,b) LONGITUDE: **W 86.08852 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **14.1 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: **29.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **33.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.2 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: **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: **6**  
 (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: **5/1/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2330001**  
 BRIDGE OWNER: **CITY OF WOODBURY**  
 FIPS CODE: **81560**  
 ROAD NAME: **W. ADAMS ST.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **.1 MI SOUTH OF SR1**

COUNTY: **CANNON**  
 ROUTE: **0A233**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.09**  
 SUFFICIENCY RATING: **88.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82507 DEGREES**  
 (17a,b) LONGITUDE: **W 86.08225 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **66.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **202.1 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: **45.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **44.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **6**  
 (68) DECK GEOMETRY: **7**  
 (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 REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **202.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,310,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$132,000.00**  
 (96) TOTAL PROJECT COST: **\$1,966,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2370001**  
 BRIDGE OWNER: **CITY OF WOODBURY**  
 FIPS CODE: **81560**  
 ROAD NAME: **S. COLLEGE ST.**  
 CROSSING: **W. COLLEGE ST / BRANCH**  
 LOCATION: **IN WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A237**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.24**  
 SUFFICIENCY RATING: **80.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82052 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07545 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.5 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: **NO RESTRICTION**  
 (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: **6**  
 (68) DECK GEOMETRY: **5**  
 (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: **5/2/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2390001**  
 BRIDGE OWNER: **CITY OF WOODBURY**  
 FIPS CODE: **81560**  
 ROAD NAME: **S. LYNN ST.**  
 CROSSING: **BRANCH**  
 LOCATION: **IN WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A239**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.19**  
 SUFFICIENCY RATING: **88.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81808 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07167 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **12.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **27.2 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: **29.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1110**  
 (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: **5/1/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2860001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **ROACH HOLLOW RD.**  
 CROSSING: **DOOLITTLE BRANCH**  
 LOCATION: **0.5 MI N OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A286**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **91.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83855 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07175 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **20.0 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 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: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **4**  
 (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: **5/1/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2910001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **ODOM LN.**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **SOUTH OF AUBURN TOWN**

COUNTY: **CANNON**  
 ROUTE: **0A291**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.10**  
 SUFFICIENCY RATING: **50.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.94590 DEGREES**  
 (17a,b) LONGITUDE: **W 86.06822 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (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: **12.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.1 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: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (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): **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: **5**  
 (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 REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **50.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$285,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$29,000.00**  
 (96) TOTAL PROJECT COST: **\$428,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2920001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **JAMES LN.**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **SOUTH OF AUBURN TOWN**

COUNTY: **CANNON**  
 ROUTE: **0A292**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **42.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.93597 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07350 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **30.8 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: **13.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **13.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **13.8 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: **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: **7**  
 (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 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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **52.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$296,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$30,000.00**  
 (96) TOTAL PROJECT COST: **\$445,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2930001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **JACK BARNES RD.**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **SOUTH OF AUBURN TOWN**

COUNTY: **CANNON**  
 ROUTE: **0A293**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **28.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.93195 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07482 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 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: **11.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **4**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (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): **6 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **11 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **3**  
 (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 REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **49.5 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$278,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$28,000.00**  
 (96) TOTAL PROJECT COST: **\$418,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/13/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A2950001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **KING RD.**  
 CROSSING: **HURRICANE CREEK**  
 LOCATION: **SOUTH OF AUBURNTOWN**

COUNTY: **CANNON**  
 ROUTE: **0A295**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **86.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.92167 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07192 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **2011**  
 (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: **16.4 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: **15.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **21.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **16.1 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: **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: **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: **1110**  
 (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: **5/13/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3030001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BERNAL HOLLOW RD.**  
 CROSSING: **LOCKE CREEK**  
 LOCATION: **NORTH OF CULPEPPER**

COUNTY: **CANNON**  
 ROUTE: **0A303**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **32.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.94473 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13015 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **OTHER**  
 (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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.4 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: **12.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **11.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.5 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 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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **6 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **11 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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **64 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$338,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$34,000.00**  
 (96) TOTAL PROJECT COST: **\$508,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/14/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3070001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **READY RD.**  
 CROSSING: **LOCKE CREEK**  
 LOCATION: **NEAR OF CULPEPPER**

COUNTY: **CANNON**  
 ROUTE: **0A307**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **19.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82643 DEGREES**  
 (17a,b) LONGITUDE: **W 86.14070 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **22.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **44.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **11.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **5 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.5 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 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: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **3 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **3 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **3**  
 (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 REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **65.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$351,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$36,000.00**  
 (96) TOTAL PROJECT COST: **\$527,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/23/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3080001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SERENITY LN.**  
 CROSSING: **LOCKE CREEK**  
 LOCATION: **NEAR CULPEPPER**

COUNTY: **CANNON**  
 ROUTE: **0A308**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **93.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82573 DEGREES**  
 (17a,b) LONGITUDE: **W 86.14148 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **UNKNOWN**  
 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: **19.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.4 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: **27.6 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: **NO RESTRICTION**  
 (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: **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: **6**  
 (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: **5/14/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3160001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **02400**  
 ROAD NAME: **CASTLE PT.**  
 CROSSING: **LEACH CREEK**  
 LOCATION: **NEAR AUBURNTOWN**

COUNTY: **CANNON**  
 ROUTE: **0A316**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.22**  
 SUFFICIENCY RATING: **72.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.94198 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10963 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **51.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **58.6 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **13.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **16.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **YES, FLARED**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **16.1 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: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **9**  
 (59) SUPERSTRUCTURE: **9**  
 (60) SUBSTRUCTURE: **9**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (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: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE DECK REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **58.7 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: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/30/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3290001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **JOHN HOWARD RD.**  
 CROSSING: **WILMOUTH CREEK**  
 LOCATION: **NEAR GASSAWAY**

COUNTY: **CANNON**  
 ROUTE: **0A329**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **53.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.90193 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99127 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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 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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 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: **9.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **9.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **9.8 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: **7**  
 (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: **5**  
 (68) DECK GEOMETRY: **2**  
 (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 REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **51.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$280,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$29,000.00**  
 (96) TOTAL PROJECT COST: **\$421,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3300001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **RYE CAMPBELL RD.**  
 CROSSING: **WILMOUTH CREEK**  
 LOCATION: **NEAR GASSAWAY**

COUNTY: **CANNON**  
 ROUTE: **0A330**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **27.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.90760 DEGREES**  
 (17a,b) LONGITUDE: **W 85.98985 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **25.9 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: **11.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (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: **OTHER OR UNKNOWN**  
 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: **3**  
 (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 REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **47.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$265,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**  
 (96) TOTAL PROJECT COST: **\$398,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3310001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **POLLY CAMPBELL RD.**  
 CROSSING: **WILMOUTH CREEK**  
 LOCATION: **NEAR GASSAWAY**

COUNTY: **CANNON**  
 ROUTE: **0A331**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **34.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.91185 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99308 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **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: **4.6 FT**  
 (49) TOTAL BRIDGE LENGTH: **30.5 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **10.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **10.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **10.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **10.8 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: **5**  
 (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): **11 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **20 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **52.5 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$277,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$28,000.00**  
 (96) TOTAL PROJECT COST: **\$416,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/13/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3320001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CURTIS GEORGE RD.**  
 CROSSING: **WILMOUTH CREEK**  
 LOCATION: **NEAR GASSAWAY**

COUNTY: **CANNON**  
 ROUTE: **0A332**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **22.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.91742 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99168 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CORRUGATED STEEL**  
 (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: **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: **16.6 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: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **3**  
 (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): **3 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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **52.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$286,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$29,000.00**  
 (96) TOTAL PROJECT COST: **\$430,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/13/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **/**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3470001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CRIPPS LN.**  
 CROSSING: **CLEAR FORK CREEK**  
 LOCATION: **CRIPPS LN.**

COUNTY: **CANNON**  
 ROUTE: **0A347**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **79.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.92988 DEGREES**  
 (17a,b) LONGITUDE: **W 85.99137 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **53.6 FT**  
 (49) TOTAL BRIDGE LENGTH: **58.5 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **16.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **14.0 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: **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: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **8**  
 (68) DECK GEOMETRY: **6**  
 (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: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **58.4 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$157,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$16,000.00**  
 (96) TOTAL PROJECT COST: **\$236,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3490001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **YOUNG BRIDGE LN.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **4 MI.EAST OF SR53**

COUNTY: **CANNON**  
 ROUTE: **0A349**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **79.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83025 DEGREES**  
 (17a,b) LONGITUDE: **W 86.00748 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **2017**  
 (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: **16.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **51.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **19.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (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: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **5/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3510001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **XELNA BRIDGE LN.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **NEAR PRATER**

COUNTY: **CANNON**  
 ROUTE: **0A351**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **94.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83138 DEGREES**  
 (17a,b) LONGITUDE: **W 86.00087 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **2017**  
 (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: **18.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **47.6 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: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **7 DEGREES**  
 (35) BRIDGE FLARE: **YES, FLARED**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **14.0 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: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (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: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **5/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3540001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **FERRELL BRIDGE LN.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **EAST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A354**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **79.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83805 DEGREES**  
 (17a,b) LONGITUDE: **W 85.98092 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **2018**  
 (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: **14.1 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: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **19.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **YES, FLARED**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (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: **9**  
 (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: **5/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3830001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **J. HANCOCK RD.**  
 CROSSING: **HILL CREEK**  
 LOCATION: **SOUTHEAST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A383**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.04**  
 SUFFICIENCY RATING: **21.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81398 DEGREES**  
 (17a,b) LONGITUDE: **W 86.04587 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **41.3 FT**  
 (49) TOTAL BRIDGE LENGTH: **41.3 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 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: **NO RESTRICTION**  
 (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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (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): **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **63.3 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$355,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$36,000.00**  
 (96) TOTAL PROJECT COST: **\$533,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3850001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WIMBERLY LN.**  
 CROSSING: **HILL CREEK**  
 LOCATION: **SOUTHEAST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A385**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **16.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80622 DEGREES**  
 (17a,b) LONGITUDE: **W 86.03955 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (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: **11.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.5 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 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: **5**  
 (60) SUBSTRUCTURE: **7**  
 (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): **3 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **3 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **3**  
 (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 REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **51.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$290,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$30,000.00**  
 (96) TOTAL PROJECT COST: **\$436,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A3950001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **AMON PACK RD.**  
 CROSSING: **SMITH BRANCH**  
 LOCATION: **COMMUNITY OF BURT**

COUNTY: **CANNON**  
 ROUTE: **0A395**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.01**  
 SUFFICIENCY RATING: **53.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76412 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12012 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **34.1 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: **11.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.2 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: **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: **5**  
 (60) SUBSTRUCTURE: **6**  
 (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): **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: **3**  
 (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: **34.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$134,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$14,000.00**  
 (96) TOTAL PROJECT COST: **\$202,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A4020001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HOLLIS LN.**  
 CROSSING: **CARSON FORK CREEK**  
 LOCATION: **COMMUNITY OF BURT**

COUNTY: **CANNON**  
 ROUTE: **0A402**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.08**  
 SUFFICIENCY RATING: **42.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.75100 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13038 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.2 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: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **49.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$279,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$28,000.00**  
 (96) TOTAL PROJECT COST: **\$419,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/20/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A4060001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **E. THOMAS RD.**  
 CROSSING: **BRAWLEY'S FORK CREEK**  
 LOCATION: **COMMUNITY OF BRADYVILLE**

COUNTY: **CANNON**  
 ROUTE: **0A406**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.07**  
 SUFFICIENCY RATING: **45.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73578 DEGREES**  
 (17a,b) LONGITUDE: **W 86.17267 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **1**  
 (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: **12.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.1 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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **12 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **21 TONS**  
 (70) BRIDGE POSTING CODE: **4**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## 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: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **50.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$285,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$29,000.00**  
 (96) TOTAL PROJECT COST: **\$428,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A4120001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BOBBY DAVENPORT RD.**  
 CROSSING: **HOLLIS CREEK**  
 LOCATION: **SOUTHWEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A412**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.00**  
 SUFFICIENCY RATING: **88.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80693 DEGREES**  
 (17a,b) LONGITUDE: **W 86.11507 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2014**  
 (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: **56.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **56.8 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: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **5**  
 (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: **5/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A4130001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **NOT AVAILABLE**  
 CROSSING: **HOLLIS CREEK**  
 LOCATION: **SW OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A413**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.02**  
 SUFFICIENCY RATING: **19.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79994 DEGREES**  
 (17a,b) LONGITUDE: **W 86.11121 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CONCRETE CAST-IN-PLACE**  
 (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: **1940**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **#Error**  
 (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: **34.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **13.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **13.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **13.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **13.8 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: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (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): **3 TONS**  
 (70) BRIDGE POSTING CODE: **3**  
 (41) WT POSTING STATUS: **WEIGHT POSTED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **3**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **4**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **34.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$157,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$16,000.00**  
 (96) TOTAL PROJECT COST: **\$236,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/8/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **11/2019**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **Y06**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A4140001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **JIM BUGG RD.**  
 CROSSING: **HOLLIS CREEK**  
 LOCATION: **SOUTHWEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A414**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.04**  
 SUFFICIENCY RATING: **58.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79122 DEGREES**  
 (17a,b) LONGITUDE: **W 86.08762 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.0 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: **11.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **11.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **7**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (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): **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: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## 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: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/14/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A4250001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **CROSS THE RIVER DR.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A425**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.12**  
 SUFFICIENCY RATING: **71.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82358 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09517 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **88.2 FT**  
 (49) TOTAL BRIDGE LENGTH: **88.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **14.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **16.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **14.0 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: **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: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **88.3 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$240,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$25,000.00**  
 (96) TOTAL PROJECT COST: **\$361,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **5/2/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A4470001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **WALKER LN.**  
 CROSSING: **BRANCH**  
 LOCATION: **SOUTHEAST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A447**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.73**  
 SUFFICIENCY RATING: **94.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.79612 DEGREES**  
 (17a,b) LONGITUDE: **W 86.04303 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **16.1 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: **21.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **N**  
 (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: **5/14/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **/**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **080A4630001**  
 BRIDGE OWNER: **CANNON COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MITCHELL-SMITH LN.**  
 CROSSING: **HILL CREEK**  
 LOCATION: **WITHIN 1M SE OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **0A463**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.03**  
 SUFFICIENCY RATING: **20.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80972 DEGREES**  
 (17a,b) LONGITUDE: **W 86.04333 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **CORRUGATED STEEL**  
 (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: **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: **48.2 FT**  
 (49) TOTAL BRIDGE LENGTH: **48.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **13.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **13.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **13.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **13.8 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: **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): **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: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (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: **5/6/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010019**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JOHN BRAGG HWY.**  
 CROSSING: **CARSON FORK CREEK**  
 LOCATION: **2 M WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.32**  
 SUFFICIENCY RATING: **99.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80628 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15537 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## 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: **86.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **436.0 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: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **8**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1101**  
 (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: **1/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010020**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JOHN BRAGG HWY.**  
 CROSSING: **CARSON FORK CREEK**  
 LOCATION: **2 M WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.32**  
 SUFFICIENCY RATING: **99.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80652 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15563 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## 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: **86.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **436.0 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: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **8**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1101**  
 (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: **1/8/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010021**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JOHN BRAGG HWY.**  
 CROSSING: **HOLLIS CREEK**  
 LOCATION: **1.8 M WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.41**  
 SUFFICIENCY RATING: **97.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81270 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12117 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## 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: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **56.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **169.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **120.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **122 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **120.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **327.8 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 EXPRESSWAY**  
 (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: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (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: **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: **1/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010023**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JOHN BRAGG HWY.**  
 CROSSING: **SMALL BRANCH**  
 LOCATION: **1.6 M WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.96**  
 SUFFICIENCY RATING: **81.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.81997 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09535 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **4**  
 (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: **120.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **327.8 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 EXPRESSWAY**  
 (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: **8**  
 (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: **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: **1/7/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010025**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **W. MAIN ST.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **1 M WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.32**  
 SUFFICIENCY RATING: **93.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82307 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09002 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **86.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **258.9 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: **60.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **37 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **8**  
 (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: **8**  
 (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: **1/8/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010026**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **W. MAIN ST.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **1 M WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.32**  
 SUFFICIENCY RATING: **93.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82317 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09045 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **86.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **258.9 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: **60.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **37 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **8**  
 (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: **8**  
 (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: **1/8/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010027**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **W. MAIN ST.**  
 CROSSING: **RUSH CREEK**  
 LOCATION: **.5 M WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.52**  
 SUFFICIENCY RATING: **82.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82447 DEGREES**  
 (17a,b) LONGITUDE: **W 86.08723 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 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: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **120.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **24 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **327.8 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 EXPRESSWAY**  
 (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**  
 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: **0001**  
 (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: **1/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **81560**  
 ROAD NAME: **W. MAIN ST.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **IN WOODBURY CITY LIMITS**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.15**  
 SUFFICIENCY RATING: **32.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82817 DEGREES**  
 (17a,b) LONGITUDE: **W 86.07715 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **6**  
 (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: **1924**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1957**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN**  
 (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: **41.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **246.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **4.9 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **4.9 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **40.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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 EXPRESSWAY**  
 (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: **5**  
 (59) SUPERSTRUCTURE: **4**  
 (60) SUBSTRUCTURE: **5**  
 (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: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0111**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **279.5 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$2,736,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$274,000.00**  
 (96) TOTAL PROJECT COST: **\$4,105,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **1/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010013**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **81560**  
 ROAD NAME: **MCMINNVILLE HWY.**  
 CROSSING: **HILL CREEK**  
 LOCATION: **IN WOODBURY CITY LIMITS**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.23**  
 SUFFICIENCY RATING: **80.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.82627 DEGREES**  
 (17a,b) LONGITUDE: **W 86.05862 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **NONE**  
 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: **3**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **56.6 FT**  
 (49) TOTAL BRIDGE LENGTH: **168.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **56.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **57.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **56.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **35 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **56.1 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: **RURAL EXPRESSWAY**  
 (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: **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: **7**  
 (68) DECK GEOMETRY: **6**  
 (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: **1/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0010029**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MCMINNIVILLE HWY.**  
 CROSSING: **CRANE BRANCH**  
 LOCATION: **WEST OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR001**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **13.54**  
 SUFFICIENCY RATING: **84.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.77325 DEGREES**  
 (17a,b) LONGITUDE: **W 85.97791 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **4**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **14.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **30.2 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: **39.0 FT**  
 (33) BRIDGE MEDIAN: **OPEN MEDIAN**  
 (34) BRIDGE SKEW: **56 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **39.0 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: **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: **7**  
 (68) DECK GEOMETRY: **N**  
 (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: **1/15/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JIM CUMMINGS HWY.**  
 CROSSING: **HAYES CREEK**  
 LOCATION: **.4 MI.N.OF COFFEE CO.LI.**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.43**  
 SUFFICIENCY RATING: **78.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65163 DEGREES**  
 (17a,b) LONGITUDE: **W 86.06593 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1934**  
 (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: **30.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.8 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): **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: **0011**  
 (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: **1/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JIM CUMMINGS HWY.**  
 CROSSING: **DUKE CREEK**  
 LOCATION: **1.5MI.S.OFCOFFEE CO.LINE**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.45**  
 SUFFICIENCY RATING: **82.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66632 DEGREES**  
 (17a,b) LONGITUDE: **W 86.06402 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1994**  
 (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: **69.9 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: **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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **39.7 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: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **9**  
 (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: **1/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JIM CUMMINGS HWY.**  
 CROSSING: **LEWIS CREEK**  
 LOCATION: **3.2 MI.N.OF COFFEE CO.LI.**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.24**  
 SUFFICIENCY RATING: **83.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67547 DEGREES**  
 (17a,b) LONGITUDE: **W 86.06072 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **16.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **50.5 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: **45.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **40.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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 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: **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: **6**  
 (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: **1/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JIM CUMMINGS HWY.**  
 CROSSING: **MCPAHAN CREEK**  
 LOCATION: **4.9 MI.N.OF COFFEE CO.**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.91**  
 SUFFICIENCY RATING: **56.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71637 DEGREES**  
 (17a,b) LONGITUDE: **W 86.05762 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1934**  
 (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: **24.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **30.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **35.1 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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.8 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): **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: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0011**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$59,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$6,000.00**  
 (96) TOTAL PROJECT COST: **\$89,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **1/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530009**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **JIM CUMMINGS HWY.**  
 CROSSING: **BRANCH**  
 LOCATION: **5.2 MI.N.OF COFFEE CO.LI.**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.22**  
 SUFFICIENCY RATING: **57.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72072 DEGREES**  
 (17a,b) LONGITUDE: **W 86.05703 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1934**  
 (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: **30.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **39.4 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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.8 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): **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: **5**  
 (68) DECK GEOMETRY: **4**  
 (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 WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **26.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$40,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$5,000.00**  
 (96) TOTAL PROJECT COST: **\$61,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **1/22/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **GASSAWAY RD.**  
 CROSSING: **EAST FORK STONES RIVER**  
 LOCATION: **NEAR WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **14.54**  
 SUFFICIENCY RATING: **64.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.83178 DEGREES**  
 (17a,b) LONGITUDE: **W 86.03567 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 B) TYPE MEMBRANE: **PREFORMED FABRIC**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1952**  
 (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: **344.2 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: **30.5 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: **NO RESTRICTION**  
 (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: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (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: **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: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **344.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$472,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$48,000.00**  
 (96) TOTAL PROJECT COST: **\$709,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **1/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530017**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **GASSAWAY RD.**  
 CROSSING: **ROCKHOUSE CREEK**  
 LOCATION: **4.2 MI.NE.OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **17.01**  
 SUFFICIENCY RATING: **73.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.86482 DEGREES**  
 (17a,b) LONGITUDE: **W 86.03178 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1932**  
 (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: **44.9 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: **30.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **60 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **44.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$81,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$122,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **1/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530013**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **GASSAWAY RD.**  
 CROSSING: **CONNELL CREEK**  
 LOCATION: **NEAR WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **19.65**  
 SUFFICIENCY RATING: **94.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.89933 DEGREES**  
 (17a,b) LONGITUDE: **W 86.02797 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1932**  
 (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: **44.0 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: **30.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **60 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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): **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: **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: **1/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0530015**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **GASSAWAY RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **NEAR WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR053**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.73**  
 SUFFICIENCY RATING: **70.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.92240 DEGREES**  
 (17a,b) LONGITUDE: **W 86.00838 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1932**  
 (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: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **28.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **37 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.2 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): **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: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (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: **43 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$98,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$10,000.00**  
 (96) TOTAL PROJECT COST: **\$148,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **1/28/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0640001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **DUG HOLLOW RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2 MI FROM COFFEE CO. LINE**

COUNTY: **CANNON**  
 ROUTE: **SR064**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.10**  
 SUFFICIENCY RATING: **85.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72463 DEGREES**  
 (17a,b) LONGITUDE: **W 86.18717 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1991**  
 (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: **26.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **35.4 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: **NO RESTRICTION**  
 (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: **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: **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: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON11**  
 (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: **2/14/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08E00170001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **DUG HOLLOW RD.**  
 CROSSING: **BRAWLEY'S FORK CREEK**  
 LOCATION: **NEAR BRADYVILLE TENN.**

COUNTY: **CANNON**  
 ROUTE: **SR064**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.92**  
 SUFFICIENCY RATING: **93.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72760 DEGREES**  
 (17a,b) LONGITUDE: **W 86.17372 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1980**  
 (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: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **75.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **6.6 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **6.6 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **35.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **40 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **35.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **34.8 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: **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 +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: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (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: **2/14/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08E00170003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **DUG HOLLOW RD.**  
 CROSSING: **SHELTON BRANCH**  
 LOCATION: **4MI.N.E.OF COFFEE CO.LINE**

COUNTY: **CANNON**  
 ROUTE: **SR064**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.70**  
 SUFFICIENCY RATING: **97.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73558 DEGREES**  
 (17a,b) LONGITUDE: **W 86.16728 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **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: **31.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **35.4 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: **NO RESTRICTION**  
 (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: **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: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (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: **2/13/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08S43570003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **BRADYVILLE RD.**  
 CROSSING: **CARSON FORK CREEK**  
 LOCATION: **5 MILES S.W. OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR064**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.95**  
 SUFFICIENCY RATING: **95.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.80378 DEGREES**  
 (17a,b) LONGITUDE: **W 86.15057 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **PREFORMED FABRIC**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1969**  
 (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: **59.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **175.9 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: **36.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **36.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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 +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: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (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: **2/13/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0960001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **POPLAR BLUFF RD. W.**  
 CROSSING: **BRANCH**  
 LOCATION: **1 MI.E.OF RUTHERFORD CO.**

COUNTY: **CANNON**  
 ROUTE: **SR096**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.96**  
 SUFFICIENCY RATING: **78.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.93712 DEGREES**  
 (17a,b) LONGITUDE: **W 86.13800 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **7.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **21.0 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: **45.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **45.9 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): **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: **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: **2/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0960003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **POPLAR BLUFF RD. W.**  
 CROSSING: **LEACH CREEK**  
 LOCATION: **1.6 M.I.E.OF RUTHERFORD CO**

COUNTY: **CANNON**  
 ROUTE: **SR096**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.55**  
 SUFFICIENCY RATING: **82.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.59023 DEGREES**  
 (17a,b) LONGITUDE: **W 86.12758 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **12.1 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: **44 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **67.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **44.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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 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: **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: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (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: **2/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR0960005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **POPLAR BLUFF RD. W.**  
 CROSSING: **MARSHALL CREEK**  
 LOCATION: **EAST OF AUBURN TOWN**

COUNTY: **CANNON**  
 ROUTE: **SR096**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.22**  
 SUFFICIENCY RATING: **76.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.95058 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10147 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **12.1 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: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **44.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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 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: **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: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (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: **2/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08S61900001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **BRADYVILLE PK.**  
 CROSSING: **BRAWLEY'S FORK CREEK**  
 LOCATION: **NEAR SR-64 INTERSECTION**

COUNTY: **CANNON**  
 ROUTE: **SR099**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.29**  
 SUFFICIENCY RATING: **74.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74577 DEGREES**  
 (17a,b) LONGITUDE: **W 86.17087 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **53.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **139.1 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: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **6**  
 (59) SUPERSTRUCTURE: **7**  
 (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: **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: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **139.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$158,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$16,000.00**  
 (96) TOTAL PROJECT COST: **\$238,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **2/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1450001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **AUBURN TOWN RD.**  
 CROSSING: **RUSH CREEK**  
 LOCATION: **1.3 MI. NW. OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.44**  
 SUFFICIENCY RATING: **78.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.84420 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09443 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1930**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2016**  
 (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: **38.1 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: **25.6 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: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.2 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: **8**  
 (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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1110**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **38.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$124,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$13,000.00**  
 (96) TOTAL PROJECT COST: **\$187,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **2/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1450003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **AUBURN TOWN RD.**  
 CROSSING: **RUSH CREEK**  
 LOCATION: **1.4 MI.NE.OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.95**  
 SUFFICIENCY RATING: **58.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.85147 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09600 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1951**  
 (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: **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: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **26.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **5**  
 (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: **0000**  
 (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: **\$73,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$8,000.00**  
 (96) TOTAL PROJECT COST: **\$110,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **2/5/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1450005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **AUBURN TOWN RD.**  
 CROSSING: **SANDERS FORK CREEK**  
 LOCATION: **4.7 MI. NORTH OF WOODBURY**

COUNTY: **CANNON**  
 ROUTE: **SR145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.74**  
 SUFFICIENCY RATING: **97.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.88803 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10170 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **29.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **64.0 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: **39.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **33.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **60 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **34.1 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 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: **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: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (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: **2/5/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1450007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **AUBURNTOWN RD.**  
 CROSSING: **MINGLE BRANCH**  
 LOCATION: **2.5 M.I.S.OF AUBURNTOWN**

COUNTY: **CANNON**  
 ROUTE: **SR145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.04**  
 SUFFICIENCY RATING: **74.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.90652 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10387 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1951**  
 (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: **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: **26.6 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: **NO RESTRICTION**  
 (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): **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: **6**  
 (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: **34.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$64,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**  
 (96) TOTAL PROJECT COST: **\$97,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **2/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1450009**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **AUBURNTOWN RD.**  
 CROSSING: **MCKNIGHT BRANCH**  
 LOCATION: **2 MI.S.OF AUBURNTOWN**

COUNTY: **CANNON**  
 ROUTE: **SR145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.68**  
 SUFFICIENCY RATING: **68.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.91533 DEGREES**  
 (17a,b) LONGITUDE: **W 86.10320 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1952**  
 (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: **21.0 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: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **26.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **6**  
 (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: **24 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$52,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$6,000.00**  
 (96) TOTAL PROJECT COST: **\$79,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **2/4/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1450011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **02400**  
 ROAD NAME: **WOODBURY RD.**  
 CROSSING: **CARTER CREEK**  
 LOCATION: **.1 MI S OF SR96**

COUNTY: **CANNON**  
 ROUTE: **SR145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.96**  
 SUFFICIENCY RATING: **88.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.94433 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09530 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1951**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1988**  
 (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: **56.1 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: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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: **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: **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: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (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: **2/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1450013**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **E. MAIN ST.**  
 CROSSING: **MARSHALL CREEK**  
 LOCATION: **IN AUBURN TOWN CITY LIMITS**

COUNTY: **CANNON**  
 ROUTE: **SR145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **9.33**  
 SUFFICIENCY RATING: **91.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.94853 DEGREES**  
 (17a,b) LONGITUDE: **W 86.09483 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **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: **30.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **62.0 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: **34.1 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: **NO RESTRICTION**  
 (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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (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: **6**  
 (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: **2/19/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1460001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SHORT MOUNTAIN RD.**  
 CROSSING: **MOUNTAIN CREEK**  
 LOCATION: **1 MI.N.OF OSMENT CHAPEL**

COUNTY: **CANNON**  
 ROUTE: **SR146**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.45**  
 SUFFICIENCY RATING: **69.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.85237 DEGREES**  
 (17a,b) LONGITUDE: **W 85.94333 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1948**  
 (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 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (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): **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: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (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: **25.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$67,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**  
 (96) TOTAL PROJECT COST: **\$101,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **2/13/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1460003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SHORT MOUNTAIN RD.**  
 CROSSING: **DRY CREEK**  
 LOCATION: **.9 MI.W.OF DEKALB CO. LI.**

COUNTY: **CANNON**  
 ROUTE: **SR146**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.57**  
 SUFFICIENCY RATING: **68.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.86805 DEGREES**  
 (17a,b) LONGITUDE: **W 85.92289 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1948**  
 (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: **24 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: **NO RESTRICTION**  
 (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: **7**  
 (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: **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: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$63,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**  
 (96) TOTAL PROJECT COST: **\$95,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **2/13/2019**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**19-Mar-20**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **08SR1460005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SHORT MOUNTAIN RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **.6 MI.W.OF DEKALB CO.LN.**

COUNTY: **CANNON**  
 ROUTE: **SR146**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.88**  
 SUFFICIENCY RATING: **87.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.87030 DEGREES**  
 (17a,b) LONGITUDE: **W 85.91910 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (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: **1948**  
 (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: **24.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **31.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.8 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: **NO RESTRICTION**  
 (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 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: **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: **6**  
 (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: **2/13/2019**  
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 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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