

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11S62750001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **ROCK SPRINGS RD.**
 CROSSING: **BARTONS CREEK**
 LOCATION: **2 MI SE OF SOUTHSIDE**

COUNTY: **CHEATHAM**
 ROUTE: **00839**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.71**
 SUFFICIENCY RATING: **87.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35458 DEGREES**
 (17a,b) LONGITUDE: **W 87.27990 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: **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: **60.0 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: **27.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **30.5 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **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: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **8**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **8**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **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: **9/4/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **/**
 (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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**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11S63310001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OLD CLARKSVILLE PK.**
 CROSSING: **HALF PONE CREEK**
 LOCATION: **2 M. SW. SR112.**

COUNTY: **CHEATHAM**
 ROUTE: **00958**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **0.24**
 SUFFICIENCY RATING: **85.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.42298 DEGREES**
 (17a,b) LONGITUDE: **W 87.14835 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: **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: **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: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (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: **35.1 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: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (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: **9/10/2018**
 (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: **11S63310003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OLD CLARKSVILLE PK.**
 CROSSING: **RACCOON CREEK**
 LOCATION: **2 M. SW. SR 112.**

COUNTY: **CHEATHAM**
 ROUTE: **00958**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **3.73**
 SUFFICIENCY RATING: **98.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.40053 DEGREES**
 (17a,b) LONGITUDE: **W 87.09555 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: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2009**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **35.8 FT**
 (49) TOTAL BRIDGE LENGTH: **40.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **30.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **8**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **8**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **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: **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: **10/12/2018**
 (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: **11S63310005**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OLD CLARKSVILLE PK.**
 CROSSING: **SPRING CREEK**
 LOCATION: **2 M. SW. SR112.**

COUNTY: **CHEATHAM**
 ROUTE: **00958**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **6.15**
 SUFFICIENCY RATING: **81.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.37608 DEGREES**
 (17a,b) LONGITUDE: **W 87.07073 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: **2009**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **34.4 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: **27.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **31.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **28.5 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: **27.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **6**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **8**
 (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: **7**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (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: **10/12/2018**
 (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: **11S63310007**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OLD CLARKSVILLE PK.**
 CROSSING: **BRANCH**
 LOCATION: **.5 M E SR49**

COUNTY: **CHEATHAM**
 ROUTE: **00958**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **8.70**
 SUFFICIENCY RATING: **76.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35580 DEGREES**
 (17a,b) LONGITUDE: **W 87.03923 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: **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: **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: **28.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 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: **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: **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: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **0N00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **37.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$102,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$11,000.00**
 (96) TOTAL PROJECT COST: **\$154,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/8/2018**
 (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: **11S63310009**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OLD CLARKSVILLE PK.**
 CROSSING: **SYCAMORE CREEK**
 LOCATION: **1 M. E. SR49**

COUNTY: **CHEATHAM**
 ROUTE: **00958**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **9.63**
 SUFFICIENCY RATING: **55.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.34565 DEGREES**
 (17a,b) LONGITUDE: **W 87.02898 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: **CONCRETE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **6**
 (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: **60.0 FT**
 (49) TOTAL BRIDGE LENGTH: **323.2 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: **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 MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **5**
 (59) SUPERSTRUCTURE: **6**
 (60) SUBSTRUCTURE: **5**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **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: **5**
 (68) DECK GEOMETRY: **2**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **3**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **354 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$2,758,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$276,000.00**
 (96) TOTAL PROJECT COST: **\$4,138,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/8/2018**
 (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: **11S61500001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LOCKERTSVILLE RD.**
 CROSSING: **SYCAMORE CREEK**
 LOCATION: **1.5 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **00979**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.82**
 SUFFICIENCY RATING: **70.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32410 DEGREES**
 (17a,b) LONGITUDE: **W 87.09308 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: **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: **1949**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **39.0 FT**
 (49) TOTAL BRIDGE LENGTH: **169.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **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: **24.0 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: **5**
 (59) SUPERSTRUCTURE: **6**
 (60) SUBSTRUCTURE: **5**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

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

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **169.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$180,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$19,000.00**
 (96) TOTAL PROJECT COST: **\$271,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/28/2018**
 (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: **11S61500003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LOCKERTSVILLE RD.**
 CROSSING: **BRANCH**
 LOCATION: **1.5 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **00979**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.00**
 SUFFICIENCY RATING: **81.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32650 DEGREES**
 (17a,b) LONGITUDE: **W 87.09310 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: **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: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **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: **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: **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: **5**
 (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: **32.2 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$65,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**
 (96) TOTAL PROJECT COST: **\$98,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/28/2018**
 (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: **11S61500005**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LOCKERTSVILLE RD.**
 CROSSING: **SPRING CREEK**
 LOCATION: **2 M. NE. SR 12.**

COUNTY: **CHEATHAM**
 ROUTE: **00979**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.59**
 SUFFICIENCY RATING: **82.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.33400 DEGREES**
 (17a,b) LONGITUDE: **W 87.09772 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: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2009**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **44.3 FT**
 (49) TOTAL BRIDGE LENGTH: **46.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.3 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: **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: **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: **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: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (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: **9/28/2018**
 (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: **11009790017**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **THOMASVILLE RD.**
 CROSSING: **SUGAR FORK CREEK**
 LOCATION: **2.1 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **00979**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **7.80**
 SUFFICIENCY RATING: **71.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35975 DEGREES**
 (17a,b) LONGITUDE: **W 87.12185 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: **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: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **20.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **22.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **55 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.3 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: **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: **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: **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: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **22 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: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/3/2018**
 (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: **11F00080009**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **THOMASVILLE RD.**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **3.1 M. E. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **00979**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **9.49**
 SUFFICIENCY RATING: **79.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.38250 DEGREES**
 (17a,b) LONGITUDE: **W 87.12050 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: **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: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **10 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: **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): **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: **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 REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **22 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$113,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**
 (96) TOTAL PROJECT COST: **\$170,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/12/2018**
 (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

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**NATIONAL BRIDGE INVENTORY
TENNESSEE INVENTORY AND APPRAISAL REPORT**



BRIDGE ID NUMBER: **11F00080011**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **THOMASVILLE RD.**
 CROSSING: **RACCOON CREEK**
 LOCATION: **3 M. E. SR 12.**

COUNTY: **CHEATHAM**
 ROUTE: **00979**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **10.32**
 SUFFICIENCY RATING: **91.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.39315 DEGREES**
 (17a,b) LONGITUDE: **W 87.12608 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: **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: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **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: **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: **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: **10/12/2018**
 (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: **11F00050013**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **THOMASVILLE RD.**
 CROSSING: **HALF POND CREEK**
 LOCATION: **3.5 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **00979**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **12.46**
 SUFFICIENCY RATING: **68.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.42005 DEGREES**
 (17a,b) LONGITUDE: **W 87.12800 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: **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: **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: **20.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **24 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: **20.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **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: **44.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$85,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**
 (96) TOTAL PROJECT COST: **\$128,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/10/2018**
 (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: **11F00050015**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **THOMASVILLE RD.**
 CROSSING: **RUSH BRANCH**
 LOCATION: **4 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **00979**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **13.04**
 SUFFICIENCY RATING: **75.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.42693 DEGREES**
 (17a,b) LONGITUDE: **W 87.12568 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: **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: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **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 REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **25.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$130,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$14,000.00**
 (96) TOTAL PROJECT COST: **\$196,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/10/2018**
 (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: **11019310001**
 BRIDGE OWNER: **CITY OF KINGSTON SPRINGS**
 FIPS CODE: **39660**
 ROAD NAME: **PARK ST.**
 CROSSING: **HARPETH RIVER**
 LOCATION: **1.5 M. S. US70.**

COUNTY: **CHEATHAM**
 ROUTE: **01931**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.91**
 SUFFICIENCY RATING: **91.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.10145 DEGREES**
 (17a,b) LONGITUDE: **W 87.10795 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 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: **86.0 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: **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: **15 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: **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: **6**
 (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: **10/24/2018**
 (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: **11019330007**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **GRIFFINTOWN RD.**
 CROSSING: **BRANCH**
 LOCATION: **2 M. SE. SR250.**

COUNTY: **CHEATHAM**
 ROUTE: **01933**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.26**
 SUFFICIENCY RATING: **79.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.17880 DEGREES**
 (17a,b) LONGITUDE: **W 87.13883 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: **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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 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: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **19.0 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: **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: **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: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **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: **10/22/2018**
 (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: **11019330001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CEDAR HILL RD.**
 CROSSING: **HARPETH RIVER**
 LOCATION: **2.5 SE. SR250.**

COUNTY: **CHEATHAM**
 ROUTE: **01933**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **7.11**
 SUFFICIENCY RATING: **79.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.16803 DEGREES**
 (17a,b) LONGITUDE: **W 87.12852 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 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: **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: **69.9 FT**
 (49) TOTAL BRIDGE LENGTH: **280.8 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: **29.5 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: **27.2 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 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: **5**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (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: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **4**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **280.8 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$241,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$25,000.00**
 (96) TOTAL PROJECT COST: **\$362,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/22/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **07/2015**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (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: **11019330003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CEDAR HILL RD.**
 CROSSING: **HARPETH RIVER**
 LOCATION: **3.2 M. SE. SR250.**

COUNTY: **CHEATHAM**
 ROUTE: **01933**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **8.57**
 SUFFICIENCY RATING: **88.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.15158 DEGREES**
 (17a,b) LONGITUDE: **W 87.11883 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 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: **1996**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **125.0 FT**
 (49) TOTAL BRIDGE LENGTH: **429.1 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: **29.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **6 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **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: **10/19/2018**
 (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: **11019330009**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CEDAR HILL RD.**
 CROSSING: **MOUND CREEK**
 LOCATION: **1 M. N. SR-1.**

COUNTY: **CHEATHAM**
 ROUTE: **01933**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **10.30**
 SUFFICIENCY RATING: **71.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.14055 DEGREES**
 (17a,b) LONGITUDE: **W 87.09518 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: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **42.0 FT**
 (49) TOTAL BRIDGE LENGTH: **89.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **23.0 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: **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: **7**
 (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: **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: **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: **10/19/2018**
 (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: **11019330005**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CEDAR HILL RD.**
 CROSSING: **DOG CREEK**
 LOCATION: **0.1 M. N. SR-1.**

COUNTY: **CHEATHAM**
 ROUTE: **01933**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **11.64**
 SUFFICIENCY RATING: **97.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.12467 DEGREES**
 (17a,b) LONGITUDE: **W 87.09805 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: **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: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 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: **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 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: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/19/2018**
 (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: **11019370001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **POND CREEK RD.**
 CROSSING: **BRANCH**
 LOCATION: **2.5 M. S. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **01937**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.82**
 SUFFICIENCY RATING: **68.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.16933 DEGREES**
 (17a,b) LONGITUDE: **W 86.99598 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: **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: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 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: **20 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **21.7 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **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: **28.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$86,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**
 (96) TOTAL PROJECT COST: **\$130,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/18/2018**
 (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: **11019370003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **POND CREEK RD.**
 CROSSING: **POND CREEK**
 LOCATION: **3 M. S. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **01937**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.67**
 SUFFICIENCY RATING: **70.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.18073 DEGREES**
 (17a,b) LONGITUDE: **W 86.99737 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: **1955**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 FT**
 (49) TOTAL BRIDGE LENGTH: **85.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **23.0 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: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **5**
 (59) SUPERSTRUCTURE: **6**
 (60) SUBSTRUCTURE: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (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: **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: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **85 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$133,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$14,000.00**
 (96) TOTAL PROJECT COST: **\$200,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/18/2018**
 (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: **11019370005**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **POND CREEK RD.**
 CROSSING: **WEST FORK POND CREEK**
 LOCATION: **2.1 M. S. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **01937**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.10**
 SUFFICIENCY RATING: **83.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.18388 DEGREES**
 (17a,b) LONGITUDE: **W 87.00280 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: **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: **13.1 FT**
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 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: **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: **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: **5**
 (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: **32.2 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: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/18/2018**
 (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: **11019420003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **SWEET HOME RD.**
 CROSSING: **SUGAR FORK CREEK**
 LOCATION: **2.3 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **01942**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **6.23**
 SUFFICIENCY RATING: **78.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35513 DEGREES**
 (17a,b) LONGITUDE: **W 87.11115 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: **1981**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **11.2 FT**
 (49) TOTAL BRIDGE LENGTH: **55.1 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: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **64 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: **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: **5**
 (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: **55.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$122,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$13,000.00**
 (96) TOTAL PROJECT COST: **\$184,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/3/2018**
 (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: **11019420005**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **SWEET HOME RD.**
 CROSSING: **SUGAR FORK CREEK**
 LOCATION: **2.8 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **01942**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **6.52**
 SUFFICIENCY RATING: **71.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35477 DEGREES**
 (17a,b) LONGITUDE: **W 87.10630 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: **1981**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **11.2 FT**
 (49) TOTAL BRIDGE LENGTH: **39.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **53 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **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): **5**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **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: **39 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$93,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$10,000.00**
 (96) TOTAL PROJECT COST: **\$140,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/3/2018**
 (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: **11019420007**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **SWEET HOME RD.**
 CROSSING: **SUGAR FORK CREEK**
 LOCATION: **3 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **01942**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **6.97**
 SUFFICIENCY RATING: **90.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35458 DEGREES**
 (17a,b) LONGITUDE: **W 87.09823 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: **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: **49.4 FT**
 (49) TOTAL BRIDGE LENGTH: **101.6 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **30.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **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 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: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **8**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **8**
 (68) DECK GEOMETRY: **5**
 (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: **10/3/2018**
 (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

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11019450001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **MCPAHAN HOLLOW RD.**
 CROSSING: **SYCAMORE CREEK**
 LOCATION: **.1 M. N. SR-112.**

COUNTY: **CHEATHAM**
 ROUTE: **01945**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.18**
 SUFFICIENCY RATING: **87.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.37088 DEGREES**
 (17a,b) LONGITUDE: **W 86.98355 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: **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: **55.1 FT**
 (49) TOTAL BRIDGE LENGTH: **166.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **30.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 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: **28.5 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **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**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL 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: **5**
 (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: **10/4/2018**
 (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: **11S61520003**
 BRIDGE OWNER: **CITY OF KINGSTON SPRINGS**
 FIPS CODE: **39660**
 ROAD NAME: **W. KINGSTON SPRINGS RD.**
 CROSSING: **BIG TURNBULL CREEK**
 LOCATION: **1 MI S OF SR 1**

COUNTY: **CHEATHAM**
 ROUTE: **01948**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.62**
 SUFFICIENCY RATING: **95.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.10087 DEGREES**
 (17a,b) LONGITUDE: **W 87.12555 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: **1992**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **101.0 FT**
 (49) TOTAL BRIDGE LENGTH: **308.1 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: **40.0 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: **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 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: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (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: **10/24/2018**
 (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: **11019480001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **KINGSTON SPRINGS RD.**
 CROSSING: **CSX RAILROAD**
 LOCATION: **2 MI NW OF I40**

COUNTY: **CHEATHAM**
 ROUTE: **01948**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.05**
 SUFFICIENCY RATING: **79.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.09973 DEGREES**
 (17a,b) LONGITUDE: **W 87.13352 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: **1965**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **RAILROAD**
 (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: **121.1 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: **27.9 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: **24.0 FT**
 (54a) VERT UNDERCLR: **RAILROAD BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **23 FT**
 (55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **15.09 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **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: **6**
 (71) WATERWAY ADEQUACY: **N**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **N**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **121.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$250,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$26,000.00**
 (96) TOTAL PROJECT COST: **\$376,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/24/2018**
 (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: **110A0040001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **HUNLEY BRANCH RD.**
 CROSSING: **HUNLEY BRANCH**
 LOCATION: **1 M. E. MONGOMERY CO.**

COUNTY: **CHEATHAM**
 ROUTE: **0A004**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.02**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.34502 DEGREES**
 (17a,b) LONGITUDE: **W 87.27140 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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.2 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **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: **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: **9/4/2018**
 (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: **110A0120001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **HOUSTON FIELDER RD.**
 CROSSING: **HALF PONE CREEK**
 LOCATION: **1.5 M. SE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.79**
 SUFFICIENCY RATING: **86.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.37332 DEGREES**
 (17a,b) LONGITUDE: **W 87.21685 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: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1981**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **89.9 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: **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: **8**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **5**
 (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: **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: **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: **9/18/2018**
 (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**

PUBLICATION DATE

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**PRODUCED PURSUANT TO
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**NATIONAL BRIDGE INVENTORY
TENNESSEE INVENTORY AND APPRAISAL REPORT**



BRIDGE ID NUMBER: **110A0130001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **GOSSETT RD.**
 CROSSING: **HALF PONE CREEK**
 LOCATION: **1 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A013**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.08**
 SUFFICIENCY RATING: **70.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.39895 DEGREES**
 (17a,b) LONGITUDE: **W 87.18492 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: **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: **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: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **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: **9/18/2018**
 (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: **110A0170001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OLD HWY. 12**
 CROSSING: **HALF PONE CREEK**
 LOCATION: **0.5 M. SW. SR 12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A017**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.79**
 SUFFICIENCY RATING: **87.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.38272 DEGREES**
 (17a,b) LONGITUDE: **W 87.19617 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: **1983**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **40.0 FT**
 (49) TOTAL BRIDGE LENGTH: **121.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 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: **22.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **8**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (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: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/18/2018**
 (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**

PUBLICATION DATE

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A0180001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **EWING ALBRIGHT RD.**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **1.5 M. SW. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A018**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.81**
 SUFFICIENCY RATING: **92.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.36070 DEGREES**
 (17a,b) LONGITUDE: **W 87.20545 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: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **38.1 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: **25.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **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: **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: **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: **3**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE DECK REPAIR**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **40 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$37,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$4,000.00**
 (96) TOTAL PROJECT COST: **\$56,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/18/2018**
 (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**

PUBLICATION DATE

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A0320003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CHAPMANSBORO RD.**
 CROSSING: **SYCAMORE CREEK**
 LOCATION: **2 M. W. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A032**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.19**
 SUFFICIENCY RATING: **80.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.30312 DEGREES**
 (17a,b) LONGITUDE: **W 87.12810 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: **STEEL**
 (45) NUMBER OF MAIN SPANS: **1**
 (46) NUMBER OF APPROACH SPANS: **7**
 (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: **109.9 FT**
 (49) TOTAL BRIDGE LENGTH: **288.1 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: **24.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **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: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (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: **9/26/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **08/2015**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (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: **110A0460001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **SADDLE TREE RD.**
 CROSSING: **BRANCH**
 LOCATION: **1.2 M. N. SR 12**

COUNTY: **CHEATHAM**
 ROUTE: **0A046**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.50**
 SUFFICIENCY RATING: **76.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.33532 DEGREES**
 (17a,b) LONGITUDE: **W 87.12722 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: **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: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **37.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **33 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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **3**
 (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 WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **37.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$86,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**
 (96) TOTAL PROJECT COST: **\$130,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/26/2018**
 (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**

PUBLICATION DATE
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A0470001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **MACON WALL RD.**
 CROSSING: **BRANCH**
 LOCATION: **0.1 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A047**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.25**
 SUFFICIENCY RATING: **95.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.31403 DEGREES**
 (17a,b) LONGITUDE: **W 87.11940 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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **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: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **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: **9/28/2018**
 (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: **110A0550003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BUCK HOLLOW RD.**
 CROSSING: **BRANCH**
 LOCATION: **1 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A055**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.40**
 SUFFICIENCY RATING: **94.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.36183 DEGREES**
 (17a,b) LONGITUDE: **W 87.16008 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **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: **5**
 (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: **9/7/2018**
 (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: **110A0550001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BUCK HOLLOW RD.**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **1 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A055**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.57**
 SUFFICIENCY RATING: **94.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35997 DEGREES**
 (17a,b) LONGITUDE: **W 87.15722 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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **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: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 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: **26.2 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **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: **5**
 (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: **9/7/2018**
 (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

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A0610001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LEO BAKER RD.**
 CROSSING: **RACCOON CREEK**
 LOCATION: **1 M. E. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A061**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.45**
 SUFFICIENCY RATING: **80.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.39002 DEGREES**
 (17a,b) LONGITUDE: **W 87.17660 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: **1960**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **27.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 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: **24.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

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: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (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: **9/18/2018**
 (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: **110A0620001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **JOHN SHORES RD.**
 CROSSING: **RACCOON CREEK**
 LOCATION: **2 M. E. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A062**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.85**
 SUFFICIENCY RATING: **95.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.38982 DEGREES**
 (17a,b) LONGITUDE: **W 87.14157 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: **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: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 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: **25.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **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: **9/7/2018**
 (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

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A0760001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **PORTER MORRIS RD.**
 CROSSING: **HALF PONE CREEK**
 LOCATION: **4 M. NW SR49-4.5 M.NESR12**

COUNTY: **CHEATHAM**
 ROUTE: **0A076**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.32**
 SUFFICIENCY RATING: **86.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.42122 DEGREES**
 (17a,b) LONGITUDE: **W 87.10700 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: **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: **1983**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 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: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/10/2018**
 (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: **110A1070001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **SPRING CREEK RD.**
 CROSSING: **SPRING CREEK**
 LOCATION: **2.5 M. W. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A107**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.31**
 SUFFICIENCY RATING: **98.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35833 DEGREES**
 (17a,b) LONGITUDE: **W 87.09828 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: **2010**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 FT**
 (49) TOTAL BRIDGE LENGTH: **87.9 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: **32.2 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: **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: **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: **8**
 (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: **5**
 (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: **10/3/2018**
 (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: **110A1280001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **GEORGE BOYD RD.**
 CROSSING: **BLUE SPRING CREEK**
 LOCATION: **1 M. E. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A128**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.58**
 SUFFICIENCY RATING: **73.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32667 DEGREES**
 (17a,b) LONGITUDE: **W 87.02980 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: **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: **29.9 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: **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: **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: **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: **WEIGHT POSTED**

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: **0N00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **67.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$125,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$13,000.00**
 (96) TOTAL PROJECT COST: **\$188,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/8/2018**
 (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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**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A1300001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **GEORGE BOYD RD.**
 CROSSING: **BRANCH**
 LOCATION: **1 M. E. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A130**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.02**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.34252 DEGREES**
 (17a,b) LONGITUDE: **W 87.02815 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: **1983**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **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: **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: **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: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/8/2018**
 (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

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A1420001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **WATER PLANT RD.**
 CROSSING: **WATER PLANT RD / BRANCH**
 LOCATION: **NEAR SR49 / SYCAMORE CR.**

COUNTY: **CHEATHAM**
 ROUTE: **0A142**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.03**
 SUFFICIENCY RATING: **56.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32005 DEGREES**
 (17a,b) LONGITUDE: **W 87.05068 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: **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: **27.9 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: **13.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **15.7 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.8 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: **13.5 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: **6**
 (60) SUBSTRUCTURE: **5**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (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: **U**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **60 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$246,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$25,000.00**
 (96) TOTAL PROJECT COST: **\$370,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/17/2018**
 (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: **110A1440001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CARNEY WINTERS RD.**
 CROSSING: **BRANCH**
 LOCATION: **1.5 M. E. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A144**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.36**
 SUFFICIENCY RATING: **91.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32372 DEGREES**
 (17a,b) LONGITUDE: **W 87.01638 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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **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: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **8 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **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: **10/10/2018**
 (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: **110A1440003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CARNEY WINTERS RD.**
 CROSSING: **BLUE SPRING CREEK**
 LOCATION: **1.8 M. E. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A144**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.67**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32597 DEGREES**
 (17a,b) LONGITUDE: **W 87.01357 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: **1998**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **64.0 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: **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: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

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

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/10/2018**
 (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: **110A1490001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BENNETT RD.**
 CROSSING: **BLUE SPRING CREEK**
 LOCATION: **2.8 M. E. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A149**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.62**
 SUFFICIENCY RATING: **86.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32323 DEGREES**
 (17a,b) LONGITUDE: **W 87.99693 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 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: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.1 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: **25.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **38.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$162,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$17,000.00**
 (96) TOTAL PROJECT COST: **\$244,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/10/2018**
 (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: **110A150001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BLUE SPRINGS RD.**
 CROSSING: **BLUE SPRING CREEK**
 LOCATION: **3.1 M. E. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A150**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.92**
 SUFFICIENCY RATING: **81.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32297 DEGREES**
 (17a,b) LONGITUDE: **W 86.98772 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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **24.9 FT**
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **64 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **65.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **48 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **64.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **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: **9**
 (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 REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **25.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$254,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$26,000.00**
 (96) TOTAL PROJECT COST: **\$382,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/10/2018**
 (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: **110A1500003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **RED BINKLEY RD.**
 CROSSING: **JONES BRANCH**
 LOCATION: **4 M. E. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A150**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.50**
 SUFFICIENCY RATING: **70.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35222 DEGREES**
 (17a,b) LONGITUDE: **W 86.96773 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: **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: **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: **20 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **22.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **25 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: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **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: **29.9 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: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/4/2018**
 (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: **110A1520001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **MT. ZION RD.**
 CROSSING: **SYCAMORE CREEK**
 LOCATION: **2 M. E. SR49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A152**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.76**
 SUFFICIENCY RATING: **91.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.36177 DEGREES**
 (17a,b) LONGITUDE: **W 87.01030 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 PRECAST PANELS**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2004**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **100.0 FT**
 (49) TOTAL BRIDGE LENGTH: **399.9 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: **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: **26.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **6**
 (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: **6**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (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: **10/4/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **/**
 (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: **110A2010001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CEDAR HILL RD.**
 CROSSING: **HARPETH RIVER**
 LOCATION: **ON DICKSON CO. LINE.**

COUNTY: **CHEATHAM**
 ROUTE: **0A201**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.52**
 SUFFICIENCY RATING: **84.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.17202 DEGREES**
 (17a,b) LONGITUDE: **W 87.16002 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 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: **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: **89.9 FT**
 (49) TOTAL BRIDGE LENGTH: **323.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **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: **5**
 (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: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (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: **10/22/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **07/2015**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (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: **110A2050001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **ABERNATHY RD.**
 CROSSING: **BRANCH**
 LOCATION: **1.5 M W DAVIDSON CO LN**

COUNTY: **CHEATHAM**
 ROUTE: **0A205**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.42**
 SUFFICIENCY RATING: **77.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.28840 DEGREES**
 (17a,b) LONGITUDE: **W 86.97315 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: **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: **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: **20 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **21.3 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: **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: **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: **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: **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: **28.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$77,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$8,000.00**
 (96) TOTAL PROJECT COST: **\$116,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/16/2018**
 (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: **110A2050003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **ABERNATHY RD.**
 CROSSING: **MARROWBONE CREEK**
 LOCATION: **2 M. W. DAVIDSON CO. LN.**

COUNTY: **CHEATHAM**
 ROUTE: **0A205**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.99**
 SUFFICIENCY RATING: **89.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.29270 DEGREES**
 (17a,b) LONGITUDE: **W 86.96568 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: **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: **40.0 FT**
 (49) TOTAL BRIDGE LENGTH: **84.3 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 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: **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: **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: **10/16/2018**
 (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

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A2160001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **VALLEY VIEW RD.**
 CROSSING: **MARROWBONE CREEK**
 LOCATION: **1.5 M. W. DAVIDSON CO. LN**

COUNTY: **CHEATHAM**
 ROUTE: **0A216**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.73**
 SUFFICIENCY RATING: **95.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.28048 DEGREES**
 (17a,b) LONGITUDE: **W 86.98153 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: **20.0 FT**
 (49) TOTAL BRIDGE LENGTH: **69.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **27.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **29.5 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **22 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.2 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: **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: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/16/2018**
 (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: **110A2260001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **DRY FORK RD.**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **2.2 M. E. SR 12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A226**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.87**
 SUFFICIENCY RATING: **88.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.27402 DEGREES**
 (17a,b) LONGITUDE: **W 87.01242 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **7.9 FT**
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 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: **24.9 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: **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: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **5**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/16/2018**
 (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: **110A2260003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **DRY FORK RD.**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **1 M. E. SR 12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A226**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.40**
 SUFFICIENCY RATING: **90.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.27003 DEGREES**
 (17a,b) LONGITUDE: **W 87.03795 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.2 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **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: **5**
 (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: **33.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$161,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$17,000.00**
 (96) TOTAL PROJECT COST: **\$242,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/16/2018**
 (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: **110A2270001**
 BRIDGE OWNER: **CITY OF ASHLAND CITY**
 FIPS CODE: **02180**
 ROAD NAME: **FORREST ST.**
 CROSSING: **DRY CREEK**
 LOCATION: **0.2 M. E. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A227**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.49**
 SUFFICIENCY RATING: **77.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.26275 DEGREES**
 (17a,b) LONGITUDE: **W 87.04253 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: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **46.9 FT**
 (49) TOTAL BRIDGE LENGTH: **101.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **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: **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: **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: **3**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **U**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **101 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$180,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$19,000.00**
 (96) TOTAL PROJECT COST: **\$271,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/17/2018**
 (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: **110A2310001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BIG MARROWBONE RD.**
 CROSSING: **MARROWBONE CREEK**
 LOCATION: **2 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A231**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.05**
 SUFFICIENCY RATING: **89.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.25267 DEGREES**
 (17a,b) LONGITUDE: **W 87.99297 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: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1981**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **89.9 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: **16.1 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: **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: **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: **10/9/2018**
 (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: **110A2310003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BIG MARROWBONE RD.**
 CROSSING: **MARROWBONE CREEK**
 LOCATION: **2.3 M. NE. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A231**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.19**
 SUFFICIENCY RATING: **88.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.26187 DEGREES**
 (17a,b) LONGITUDE: **W 87.98652 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: **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: **38.1 FT**
 (49) TOTAL BRIDGE LENGTH: **80.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **25.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **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: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **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: **10/9/2018**
 (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: **110A2350001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LITTLE MARROWBONE RD.**
 CROSSING: **MARROWBONE CREEK**
 LOCATION: **0.56 M. E. SR 12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A235**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.58**
 SUFFICIENCY RATING: **59.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.24552 DEGREES**
 (17a,b) LONGITUDE: **W 87.01392 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: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **59.1 FT**
 (49) TOTAL BRIDGE LENGTH: **167.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **30.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **5**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **5**
 (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: **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: **7**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **167 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$511,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$52,000.00**
 (96) TOTAL PROJECT COST: **\$767,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/9/2018**
 (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: **110A2350003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LITTLE MARROWBONE RD.**
 CROSSING: **MARROWBONE CREEK**
 LOCATION: **1.19 M. E. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A235**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.20**
 SUFFICIENCY RATING: **65.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.24400 DEGREES**
 (17a,b) LONGITUDE: **W 87.00502 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: **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: **44.0 FT**
 (49) TOTAL BRIDGE LENGTH: **119.1 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: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **10 DEGREES**
 (35) BRIDGE FLARE: **YES, FLARED**
 (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: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **8**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **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: **3**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (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: **10/9/2018**
 (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: **110A2360001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **ROSS HOLLOW RD.**
 CROSSING: **LITTLE MARROWBONE CREEK**
 LOCATION: **1 M. E. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A236**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.23**
 SUFFICIENCY RATING: **86.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.22450 DEGREES**
 (17a,b) LONGITUDE: **W 87.00255 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: **34.1 FT**
 (49) TOTAL BRIDGE LENGTH: **71.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 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: **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: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/9/2018**
 (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: **110A2450001**
 BRIDGE OWNER: **CITY OF ASHLAND CITY**
 FIPS CODE: **02180**
 ROAD NAME: **HAYWOOD HILLS LN.**
 CROSSING: **MARROWBONE CREEK**
 LOCATION: **0.35 M. W. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A245**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.35**
 SUFFICIENCY RATING: **29.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.25698 DEGREES**
 (17a,b) LONGITUDE: **W 87.05113 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: **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: **41.0 FT**
 (49) TOTAL BRIDGE LENGTH: **82.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **8.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **10.2 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: **8.9 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: **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: **5**
 (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: **2**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **U**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **82 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: **10/17/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **08/2015**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (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: **110A3190001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CHESTNUT RD.**
 CROSSING: **DRY CREEK**
 LOCATION: **2.5 M. SW. SR-12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A319**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.01**
 SUFFICIENCY RATING: **91.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.20255 DEGREES**
 (17a,b) LONGITUDE: **W 87.05950 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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: **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: **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: **10/18/2018**
 (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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**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A3250001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **INDIAN SPRINGS RD.**
 CROSSING: **WEST FORK POND CREEK**
 LOCATION: **3 M. S. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A325**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.01**
 SUFFICIENCY RATING: **86.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.16895 DEGREES**
 (17a,b) LONGITUDE: **W 87.01555 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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 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: **25.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **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: **10/18/2018**
 (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

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A3260001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **INDIAN SPRINGS RD.**
 CROSSING: **WEST FORK POND CREEK**
 LOCATION: **3.5 M. S. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A326**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.60**
 SUFFICIENCY RATING: **65.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.16110 DEGREES**
 (17a,b) LONGITUDE: **W 87.01890 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **14.1 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: **19.4 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **21.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 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: **19.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **3**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (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: **35.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$89,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**
 (96) TOTAL PROJECT COST: **\$134,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/18/2018**
 (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: **110A3390001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **SEAR RD.**
 CROSSING: **BRANCH**
 LOCATION: **1.5 M. NE. SR-1.**

COUNTY: **CHEATHAM**
 ROUTE: **0A339**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.20**
 SUFFICIENCY RATING: **78.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.11125 DEGREES**
 (17a,b) LONGITUDE: **W 87.01978 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: **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: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **36.1 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: **23.6 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: **21.7 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **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: **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: **36.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$75,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$8,000.00**
 (96) TOTAL PROJECT COST: **\$113,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/1/2018**
 (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: **110A3600001**
 BRIDGE OWNER: **CITY OF PEGRAM**
 FIPS CODE: **57480**
 ROAD NAME: **RIVERVIEW DR.**
 CROSSING: **HARPETH RIVER**
 LOCATION: **0.75 M.N. I40 IN PEGRAM**

COUNTY: **CHEATHAM**
 ROUTE: **0A360**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.31**
 SUFFICIENCY RATING: **65.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.09603 DEGREES**
 (17a,b) LONGITUDE: **W 87.05447 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 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: **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: **87.9 FT**
 (49) TOTAL BRIDGE LENGTH: **351.0 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 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: **6**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (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: **3**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **4**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **351 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$982,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$99,000.00**
 (96) TOTAL PROJECT COST: **\$1,474,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/1/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **07/2018**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11100400009**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **BEECH HILL RD.**
 CROSSING: **BEECH HILL RD / I40**
 LOCATION: **2 M.E. DAVIDSON CO. LN.**

COUNTY: **CHEATHAM**
 ROUTE: **0A363**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.97**
 SUFFICIENCY RATING: **78.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.08832 DEGREES**
 (17a,b) LONGITUDE: **W 87.06862 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: **STEEL**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **2**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **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: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **65.9 FT**
 (49) TOTAL BRIDGE LENGTH: **213.9 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: **20.0 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: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **15.91 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **10.17 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **27.56 FT**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (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: **5**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

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

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **213.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$875,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$88,000.00**
 (96) TOTAL PROJECT COST: **\$1,313,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/11/2018**
 (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: **110A1580001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **GOODSPRINGS RD.**
 CROSSING: **BRANCH**
 LOCATION: **2 M. E. SR 49.**

COUNTY: **CHEATHAM**
 ROUTE: **0A371**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.39**
 SUFFICIENCY RATING: **71.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.36957 DEGREES**
 (17a,b) LONGITUDE: **W 87.00463 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: **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: **28.9 FT**
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **24 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 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: **21.7 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

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

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **29.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$78,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$8,000.00**
 (96) TOTAL PROJECT COST: **\$118,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/4/2018**
 (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: **11100400005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **S. HARPETH RD.**
 CROSSING: **LUYBEN HILLS ROAD / I40**
 LOCATION: **3.65 M.NE. WILLIAMSON CO.**

COUNTY: **CHEATHAM**
 ROUTE: **0A372**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.00**
 SUFFICIENCY RATING: **92.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.08360 DEGREES**
 (17a,b) LONGITUDE: **W 87.09785 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: **1960**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2007**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **84.0 FT**
 (49) TOTAL BRIDGE LENGTH: **304.8 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **51.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **53.8 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **51.8 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **36 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **51.5 FT**
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.14 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **11.48 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **27.56 FT**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **5**
 (71) WATERWAY ADEQUACY: **N**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **N**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/6/2018**
 (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

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11100400005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LUYBEN HILLS RD.**
 CROSSING: **LUYBEN HILLS ROAD / I40**
 LOCATION: **3.65 M.NE. WILLIAMSON CO.**

COUNTY: **CHEATHAM**
 ROUTE: **0A372**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.00**
 SUFFICIENCY RATING: **92.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.08360 DEGREES**
 (17a,b) LONGITUDE: **W 87.09785 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: **1960**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2007**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **84.0 FT**
 (49) TOTAL BRIDGE LENGTH: **304.8 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **51.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **53.8 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **51.8 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **36 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **51.5 FT**
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.14 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **11.48 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **27.56 FT**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **5**
 (71) WATERWAY ADEQUACY: **N**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **N**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/6/2018**
 (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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**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A3720001**
 BRIDGE OWNER: **CITY OF KINGSTON SPRINGS**
 FIPS CODE: **39660**
 ROAD NAME: **S. HARPETH RD.**
 CROSSING: **BRUSH CREEK**
 LOCATION: **0.8 M. S. I40.**

COUNTY: **CHEATHAM**
 ROUTE: **0A372**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.27**
 SUFFICIENCY RATING: **48.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.07715 DEGREES**
 (17a,b) LONGITUDE: **W 87.08060 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: **1975**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **44.9 FT**
 (49) TOTAL BRIDGE LENGTH: **92.8 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: **22.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **17 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: **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: **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: **H-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: **4**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (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: **123 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$646,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$65,000.00**
 (96) TOTAL PROJECT COST: **\$970,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/23/2018**
 (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: **110A3720003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **S. HARPETH RD.**
 CROSSING: **SOUTH HARPETH RIVER**
 LOCATION: **1.5 M. S. I40**

COUNTY: **CHEATHAM**
 ROUTE: **0A372**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.05**
 SUFFICIENCY RATING: **97.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.06145 DEGREES**
 (17a,b) LONGITUDE: **W 87.05497 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: **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: **60.7 FT**
 (49) TOTAL BRIDGE LENGTH: **150.6 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: **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: **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: **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: **5**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **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: **10/23/2018**
 (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: **110A3720005**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **S. HARPETH RD.**
 CROSSING: **POPLAR CREEK**
 LOCATION: **3 M SE OF PEGRAM**

COUNTY: **CHEATHAM**
 ROUTE: **0A372**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **5.56**
 SUFFICIENCY RATING: **85.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.05017 DEGREES**
 (17a,b) LONGITUDE: **W 87.04143 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: **1980**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **27.9 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: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **23 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **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: **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: **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: **10/23/2018**
 (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: **11100400003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **MT. PLEASANT RD.**
 CROSSING: **FVIEW-KSPG RD/ I40**
 LOCATION: **1.57 M.N. WILLIAMSON CO L**

COUNTY: **CHEATHAM**
 ROUTE: **0A383**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.13**
 SUFFICIENCY RATING: **49.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.06703 DEGREES**
 (17a,b) LONGITUDE: **W 87.12782 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: **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: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **67.9 FT**
 (49) TOTAL BRIDGE LENGTH: **227.0 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: **24.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **11 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: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.67 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **10.83 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **27.89 FT**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **4**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **5**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

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

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **227 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$433,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$44,000.00**
 (96) TOTAL PROJECT COST: **\$650,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/6/2018**
 (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: **11100400001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **FAIRVIEW K S RD.**
 CROSSING: **FVIEW-KSPG RD / I40**
 LOCATION: **0.35 M. N. WILLIAMSON CO**

COUNTY: **CHEATHAM**
 ROUTE: **0A384**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.36**
 SUFFICIENCY RATING: **54.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.05285 DEGREES**
 (17a,b) LONGITUDE: **W 87.14052 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: **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: **1960**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **73.2 FT**
 (49) TOTAL BRIDGE LENGTH: **432.1 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: **28.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 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: **24.0 FT**
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.4 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **9.84 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **18.04 FT**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

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

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **432.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$595,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$60,000.00**
 (96) TOTAL PROJECT COST: **\$893,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/6/2018**
 (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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**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **110A3940001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CAMPBELL RIDGE RD.**
 CROSSING: **TALLEY BRANCH**
 LOCATION: **1 M. W. 140.**

COUNTY: **CHEATHAM**
 ROUTE: **0A394**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.05**
 SUFFICIENCY RATING: **83.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.05933 DEGREES**
 (17a,b) LONGITUDE: **W 87.15620 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1919**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1970**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **42.0 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: **25.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **41 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: **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: **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: **42 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$86,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**
 (96) TOTAL PROJECT COST: **\$130,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/11/2018**
 (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: **110A3940003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CAMPBELL RIDGE RD.**
 CROSSING: **BRANCH**
 LOCATION: **1 M. W. 140.**

COUNTY: **CHEATHAM**
 ROUTE: **0A394**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.27**
 SUFFICIENCY RATING: **70.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.05812 DEGREES**
 (17a,b) LONGITUDE: **W 87.15305 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 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: **25.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **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: **10/11/2018**
 (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: **110A3950001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CHICKADEE TR.**
 CROSSING: **TALLY BRANCH**
 LOCATION: **2 M NW 140@WILLIAMSON CL**

COUNTY: **CHEATHAM**
 ROUTE: **0A395**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.64**
 SUFFICIENCY RATING: **75.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.06442 DEGREES**
 (17a,b) LONGITUDE: **W 87.15545 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: **1987**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **67.9 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: **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: **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: **6**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0N00**
 (113) SCOUR CONDITION RATING: **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: **10/11/2018**
 (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: **11S61520001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CRAGGIE HOPE RD.**
 CROSSING: **BRANCH**
 LOCATION: **1.5 MI S OF SR 1**

COUNTY: **CHEATHAM**
 ROUTE: **0A417**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.49**
 SUFFICIENCY RATING: **88.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.09607 DEGREES**
 (17a,b) LONGITUDE: **W 87.14120 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: **2012**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **32.5 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: **32.8 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: **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: **8**
 (62) CULVERT CONDITION (IF APPLICABLE): **8**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **8**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (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: **10/24/2018**
 (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**

PUBLICATION DATE

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11S61520007**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CRAGGIE HOPE RD.**
 CROSSING: **ROCK BRANCH**
 LOCATION: **2 MI NW OF I40**

COUNTY: **CHEATHAM**
 ROUTE: **0A417**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.44**
 SUFFICIENCY RATING: **71.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.09583 DEGREES**
 (17a,b) LONGITUDE: **W 87.15157 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: **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: **22.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **26.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.2 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **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: **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: **22 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$60,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**
 (96) TOTAL PROJECT COST: **\$91,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/24/2018**
 (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: **110A4470001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CAUTHERN RD.**
 CROSSING: **BRANCH OF TURNBULL CREEK**
 LOCATION: **1.5 M W KINGSTON-SPRGS**

COUNTY: **CHEATHAM**
 ROUTE: **0A447**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.18**
 SUFFICIENCY RATING: **91.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.09457 DEGREES**
 (17a,b) LONGITUDE: **W 87.15585 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: **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: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 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: **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: **8**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/24/2018**
 (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: **110A4640001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **NARROWS OF THE HARPETH RD.**
 CROSSING: **BRANCH (HRSP)**
 LOCATION: **.4 M SW JCT NFA 1933&A464**

COUNTY: **CHEATHAM**
 ROUTE: **0A464**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.31**
 SUFFICIENCY RATING: **76.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.14687 DEGREES**
 (17a,b) LONGITUDE: **W 87.12132 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: **OTHER**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1930**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1984**
 (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: **39.0 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: **13.8 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **15.4 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: **13.5 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: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0N00**
 (113) SCOUR CONDITION RATING: **U**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **40 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$120,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$13,000.00**
 (96) TOTAL PROJECT COST: **\$181,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/20/2018**
 (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: **110A4670001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **PERCY HARRIS RD.**
 CROSSING: **LEATHERWOOD CREEK**
 LOCATION: **1 M.E. DICKSON CO. LN.**

COUNTY: **CHEATHAM**
 ROUTE: **0A467**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.02**
 SUFFICIENCY RATING: **63.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.14862 DEGREES**
 (17a,b) LONGITUDE: **W 87.14598 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: **1950**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1984**
 (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: **32.2 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: **17.4 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: **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: **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: **6**
 (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 REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **32.2 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$145,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$15,000.00**
 (96) TOTAL PROJECT COST: **\$218,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2020**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/19/2018**
 (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: **110A4850001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **TURNIPSEED RD.**
 CROSSING: **TURNIPSEED CREEK**
 LOCATION: **1 M. NW. SR250.**

COUNTY: **CHEATHAM**
 ROUTE: **0A485**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.78**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.21878 DEGREES**
 (17a,b) LONGITUDE: **W 87.16838 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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 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: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 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: **25.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **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: **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: **10/22/2018**
 (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: **110A5060001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LOST HOLLOW LN.**
 CROSSING: **SOUTH HARPETH RIVER**
 LOCATION: **1.2 M. S. I40.**

COUNTY: **CHEATHAM**
 ROUTE: **0A506**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.01**
 SUFFICIENCY RATING: **29.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.06540 DEGREES**
 (17a,b) LONGITUDE: **W 87.05878 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: **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: **60.0 FT**
 (49) TOTAL BRIDGE LENGTH: **61.0 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: **15.1 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: **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: **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: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **9 TONS**
 WEIGHT POSTING (3 OR MORE AXLES): **17 TONS**
 (70) BRIDGE POSTING CODE: **3**
 (41) WT POSTING STATUS: **WEIGHT POSTED**

APPRAISAL

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

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **84.6 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$479,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$48,000.00**
 (96) TOTAL PROJECT COST: **\$719,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/23/2018**
 (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: **110A5250001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BRUSH CREEK RD.**
 CROSSING: **WEST FORK BRUSH CREEK**
 LOCATION: **1.5 M.S. 140.**

COUNTY: **CHEATHAM**
 ROUTE: **0A525**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.27**
 SUFFICIENCY RATING: **75.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.05928 DEGREES**
 (17a,b) LONGITUDE: **W 87.09442 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: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 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: **24.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-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: **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: **32.2 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: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/23/2018**
 (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: **110A5250003**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BRUSH CREEK RD.**
 CROSSING: **BRANCH**
 LOCATION: **1.5 M.S. 140.**

COUNTY: **CHEATHAM**
 ROUTE: **0A525**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.72**
 SUFFICIENCY RATING: **97.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.06400 DEGREES**
 (17a,b) LONGITUDE: **W 87.09777 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: **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: **2016**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.1 FT**
 (49) TOTAL BRIDGE LENGTH: **20.7 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: **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: **27.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

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

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/23/2018**
 (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: **11019350001**
 BRIDGE OWNER: **CHEATHAM COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **DRY CREEK RD.**
 CROSSING: **DRY CREEK**
 LOCATION: **2.5 M. SW. SR12.**

COUNTY: **CHEATHAM**
 ROUTE: **0A526**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.10**
 SUFFICIENCY RATING: **66.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.20347 DEGREES**
 (17a,b) LONGITUDE: **W 87.05832 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: **15.1 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: **19.4 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **21.7 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **55 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **19.4 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: **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: **6**
 (68) DECK GEOMETRY: **3**
 (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 WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **58.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$128,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$13,000.00**
 (96) TOTAL PROJECT COST: **\$193,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **10/18/2018**
 (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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**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11100240002**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **I-24**
 CROSSING: **I24 LL/ RIDGE ROAD**
 LOCATION: **.33 M.I.E.OF ROBERTSON CO.**

COUNTY: **CHEATHAM**
 ROUTE: **I0024**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **0.36**
 SUFFICIENCY RATING: **83.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.36817 DEGREES**
 (17a,b) LONGITUDE: **W 86.96500 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: **1973**
 (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: **69.9 FT**
 (49) TOTAL BRIDGE LENGTH: **184.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **17 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: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.14 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **14.11 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

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: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

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

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/5/2018**
 (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: **11I00240001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **I-24**
 CROSSING: **124 RL/ RIDGE ROAD**
 LOCATION: **.48 MI.E.OF ROBERTSON CO.**

COUNTY: **CHEATHAM**
 ROUTE: **I0024**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **0.47**
 SUFFICIENCY RATING: **79.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.36565 DEGREES**
 (17a,b) LONGITUDE: **W 86.96335 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: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **97.1 FT**
 (49) TOTAL BRIDGE LENGTH: **98.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **33 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: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.63 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **13.12 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

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: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **6**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **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: **8**
 (69) UNDERCLEARANCE RATING: **9**
 (71) WATERWAY ADEQUACY: **N**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **N**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **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: **9/5/2018**
 (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: **11100400007**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **I-40**
 CROSSING: **HARPETH RIVER**
 LOCATION: **.4 M E JCT SR249&I40**

COUNTY: **CHEATHAM**
 ROUTE: **I0040**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.08**
 SUFFICIENCY RATING: **49.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.08525 DEGREES**
 (17a,b) LONGITUDE: **W 87.08870 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: **14**
 (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: **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: **48.9 FT**
 (49) TOTAL BRIDGE LENGTH: **599.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **2.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **2.0 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: **OPEN 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: **42.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **5**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **4**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **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: **4**
 (68) DECK GEOMETRY: **8**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **599.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$3,956,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$396,000.00**
 (96) TOTAL PROJECT COST: **\$5,935,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **05/2016**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

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**NATIONAL BRIDGE INVENTORY
TENNESSEE INVENTORY AND APPRAISAL REPORT**



BRIDGE ID NUMBER: **11100400008**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **I-40**
 CROSSING: **HARPETH RIVER**
 LOCATION: **.4 M E JCT SR249&I40**

COUNTY: **CHEATHAM**
 ROUTE: **I0040**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.08**
 SUFFICIENCY RATING: **51.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.08530 DEGREES**
 (17a,b) LONGITUDE: **W 87.08868 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: **14**
 (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: **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: **48.9 FT**
 (49) TOTAL BRIDGE LENGTH: **599.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **2.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **2.0 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: **OPEN 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: **42.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **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: **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: **4**
 (68) DECK GEOMETRY: **8**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **100N**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **599.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$3,956,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$396,000.00**
 (96) TOTAL PROJECT COST: **\$5,935,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **05/2016**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (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: **11I00400011**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **I-40**
 CROSSING: **HARPETH RIVER**
 LOCATION: **2 M E JCT SR249&I40**

COUNTY: **CHEATHAM**
 ROUTE: **I0040**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **5.63**
 SUFFICIENCY RATING: **90.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.08775 DEGREES**
 (17a,b) LONGITUDE: **W 87.06638 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: **8**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CORRUGATED STEEL**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2016**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **#Error**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY-WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **4**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **2**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **83.3 FT**
 (49) TOTAL BRIDGE LENGTH: **628.3 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **130.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **133.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **130.6 FT**
 (33) BRIDGE MEDIAN: **CLOSED MEDIAN - WITH BARRIER**
 (34) BRIDGE SKEW: **40 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **66.9 FT**
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **19.16 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **19.03 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **19.68 FT**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL INTERSTATE**
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **8**
 (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: **7**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **9**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/6/2018**
 (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: **11SR0010001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **US-70**
 CROSSING: **HARPETH RIVER**
 LOCATION: **IN SCHACKLETT COMMUNITY**

COUNTY: **CHEATHAM**
 ROUTE: **SR001**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.78**
 SUFFICIENCY RATING: **78.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.12367 DEGREES**
 (17a,b) LONGITUDE: **W 87.10118 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: **9**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1995**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **102.0 FT**
 (49) TOTAL BRIDGE LENGTH: **682.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **44.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **46.3 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: **44.3 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 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: **5**
 (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: **9**
 (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: **9/20/2018**
 (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: **11SR0010003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **PEGRAM AVE.**
 CROSSING: **TURNER CREEK**
 LOCATION: **IN PEGRAM - TENNESSEE**

COUNTY: **CHEATHAM**
 ROUTE: **SR001**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **8.87**
 SUFFICIENCY RATING: **51.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.09718 DEGREES**
 (17a,b) LONGITUDE: **W 87.04587 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: **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: **1926**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1953**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **26.9 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: **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 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: **5**
 (60) SUBSTRUCTURE: **6**
 (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: **5**
 (68) DECK GEOMETRY: **2**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **0N00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **26.9 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: **9/20/2018**
 (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: **11SR0120015**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LINDAHL PKWY.**
 CROSSING: **BULL RUN CREEK**
 LOCATION: **.2 M E OF DAVIDSON CO LN**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.23**
 SUFFICIENCY RATING: **83.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.21525 DEGREES**
 (17a,b) LONGITUDE: **W 86.98328 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: **1936**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1970**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **31.8 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: **29.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **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: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **NONN**
 (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: **9/14/2018**
 (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: **11SR0120002**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LINDAHL PKWY.**
 CROSSING: **MARROW BONE CREEK**
 LOCATION: **2 MI.S.E.ASHLAND CITY**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.24**
 SUFFICIENCY RATING: **86.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.24133 DEGREES**
 (17a,b) LONGITUDE: **W 87.02358 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: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **79.4 FT**
 (49) TOTAL BRIDGE LENGTH: **390.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **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: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **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: **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: **8**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/14/2018**
 (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: **11SR0120001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LINDAHL PKWY.**
 CROSSING: **MARROW BONE CREEK**
 LOCATION: **2 MI.S.E.ASHLAND CITY**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.24**
 SUFFICIENCY RATING: **86.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.24165 DEGREES**
 (17a,b) LONGITUDE: **W 87.02347 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: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **79.4 FT**
 (49) TOTAL BRIDGE LENGTH: **390.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **44 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **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: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**
 (102) TRAFFIC DIR: **1-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **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: **8**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/14/2018**
 (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: **11SR0120013**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LINDAHL PKWY.**
 CROSSING: **SANDY RUN CREEK**
 LOCATION: **2 MI SW JCT. SR12 & SR49**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.19**
 SUFFICIENCY RATING: **75.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.25185 DEGREES**
 (17a,b) LONGITUDE: **W 87.03473 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: **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: **4**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **10.2 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: **76.1 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: **38.1 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **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: **0N00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **33.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$297,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$30,000.00**
 (96) TOTAL PROJECT COST: **\$446,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/14/2018**
 (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: **11SR0120003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LINDAHL PKWY.**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **.5 MI.SE.OF ASHLAND CITY**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **5.16**
 SUFFICIENCY RATING: **86.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.31058 DEGREES**
 (17a,b) LONGITUDE: **W 87.04750 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: **9**
 (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: **1996**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **5**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **75.5 FT**
 (49) TOTAL BRIDGE LENGTH: **663.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **84 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **86 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **84.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **84.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **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: **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: **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: **9/14/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **/**
 (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: **11SR0120005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **N. MAIN ST.**
 CROSSING: **MARKS CREEK**
 LOCATION: **IN ASHLAND CITY LIMITS**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **7.72**
 SUFFICIENCY RATING: **65.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.28573 DEGREES**
 (17a,b) LONGITUDE: **W 87.07802 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: **1949**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **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: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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 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: **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: **H-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **2**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **86 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$269,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**
 (96) TOTAL PROJECT COST: **\$404,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/13/2018**
 (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: **11SR0120007**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SR-12**
 CROSSING: **SYCAMORE CREEK**
 LOCATION: **3.6 MI.NW.OF ASHLAND CITY**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **11.48**
 SUFFICIENCY RATING: **65.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.32983 DEGREES**
 (17a,b) LONGITUDE: **W 87.12168 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: **1949**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **53.1 FT**
 (49) TOTAL BRIDGE LENGTH: **317.9 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: **32.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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 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: **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: **H-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **3**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **5**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **348.8 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$2,904,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$291,000.00**
 (96) TOTAL PROJECT COST: **\$4,357,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/13/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **08/2015**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (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: **11SR0120009**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SR-12**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **1.4 MI.NE.OF CHEAP HILL**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **16.41**
 SUFFICIENCY RATING: **65.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.35707 DEGREES**
 (17a,b) LONGITUDE: **W 87.17553 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: **1955**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **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: **25.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **32.5 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **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 ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **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: **3**
 (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 REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **115.8 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$899,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$90,000.00**
 (96) TOTAL PROJECT COST: **\$1,349,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/13/2018**
 (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: **11SR0120011**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SR-12**
 CROSSING: **HALF PONE CREEK**
 LOCATION: **2.2 M.I.S.OF MONTGOMERY CO**

COUNTY: **CHEATHAM**
 ROUTE: **SR012**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **18.44**
 SUFFICIENCY RATING: **69.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.38385 DEGREES**
 (17a,b) LONGITUDE: **W 87.19093 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: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1955**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2000**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **30.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **32.5 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **31.8 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: **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 ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **5**
 (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: **5**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **111N**
 (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: **9/13/2018**
 (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: **11SR0490001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SR-49**
 CROSSING: **SR-49 / HARPETH RIVER**
 LOCATION: **5 MI.WEST OF ASHLAND CITY**

COUNTY: **CHEATHAM**
 ROUTE: **SR049**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **0.39**
 SUFFICIENCY RATING: **82.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.28667 DEGREES**
 (17a,b) LONGITUDE: **W 87.14667 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: **PRESTRESSED CONCRETE CONTINUOUS**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **4**
 (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: **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: **200.0 FT**
 (49) TOTAL BRIDGE LENGTH: **1040.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **44 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **45.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **45.3 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: **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: **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: **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: **7**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/12/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **08/2015**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (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: **11SR0490003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SR-49**
 CROSSING: **BRANCH**
 LOCATION: **.9 MI.E.OF HARPETH RIVER**

COUNTY: **CHEATHAM**
 ROUTE: **SR049**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **1.30**
 SUFFICIENCY RATING: **56.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.27650 DEGREES**
 (17a,b) LONGITUDE: **W 87.13630 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: **1931**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 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 ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **3**
 (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 WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **32.2 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$105,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$11,000.00**
 (96) TOTAL PROJECT COST: **\$158,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/12/2018**
 (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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**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11SR0490005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SR-49**
 CROSSING: **BIG BLUFF CREEK**
 LOCATION: **1.6 MI.W.OF CUMBERLAND RV**

COUNTY: **CHEATHAM**
 ROUTE: **SR049**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **3.43**
 SUFFICIENCY RATING: **60.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.28010 DEGREES**
 (17a,b) LONGITUDE: **W 87.10177 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: **1930**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1975**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **171.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **38.1 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **40 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: **37.7 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **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: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **4**
 (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: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **171.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$1,091,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$110,000.00**
 (96) TOTAL PROJECT COST: **\$1,637,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/26/2018**
 (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: **11SR0490009**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SR-49**
 CROSSING: **CUMBERLAND RIVER**
 LOCATION: **.1 MI.W.OF ASHLAND CITY**

COUNTY: **CHEATHAM**
 ROUTE: **SR049**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **4.95**
 SUFFICIENCY RATING: **81.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.27022 DEGREES**
 (17a,b) LONGITUDE: **W 87.07870 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: **PRESTRESSED CONCRETE CONTINUOUS**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **6**
 (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: **4**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **350.1 FT**
 (49) TOTAL BRIDGE LENGTH: **1671.6 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **71.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **74.1 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **69.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **71.9 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: **NAVIGATION CONTROLLED WATERWAY**
 (39) NAVIGATION VERTICAL CLEARANCE: **54.5 FT**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **329.7 FT**

CLASSIFICATION

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1001**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/21/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **09/2016**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **/**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11SR0490011**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **STATE HWY. 49**
 CROSSING: **SYCAMORE CREEK**
 LOCATION: **2.5 MI.N.OF ASHLAND CITY**

COUNTY: **CHEATHAM**
 ROUTE: **SR049**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **9.46**
 SUFFICIENCY RATING: **84.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.31973 DEGREES**
 (17a,b) LONGITUDE: **W 87.05103 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: **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: **120.4 FT**
 (49) TOTAL BRIDGE LENGTH: **359.9 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: **15 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: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **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: **6**
 (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: **9/17/2018**
 (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: **11SR1120001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **US-41A**
 CROSSING: **SYCAMORE CREEK**
 LOCATION: **3 MI.NW.OF PINNACLE**

COUNTY: **CHEATHAM**
 ROUTE: **SR112**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.77**
 SUFFICIENCY RATING: **81.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.36993 DEGREES**
 (17a,b) LONGITUDE: **W 86.98718 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: **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: **114.8 FT**
 (49) TOTAL BRIDGE LENGTH: **229.7 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **38.4 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **40.4 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **39.4 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: **38.4 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **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: **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: **9/17/2018**
 (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: **11SR1120003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **US-41A**
 CROSSING: **BRANCH OF SPRING CREEK**
 LOCATION: **IN PLEASANTVIEW**

COUNTY: **CHEATHAM**
 ROUTE: **SR112**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **2**
 LOG MILE: **3.20**
 SUFFICIENCY RATING: **75.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.40072 DEGREES**
 (17a,b) LONGITUDE: **W 87.03222 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: **1936**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **36.1 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: **31.2 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: **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: **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: **9/17/2018**
 (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: **11SR2490001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **E. KINGSTON SPRINGS RD.**
 CROSSING: **BRANCH**
 LOCATION: **N.OF INTERSTATE 40**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.60**
 SUFFICIENCY RATING: **95.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.24370 DEGREES**
 (17a,b) LONGITUDE: **W 87.06365 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: **2009**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER 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: **38.4 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **65.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **75.8 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **60.7 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: **65.3 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 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: **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: **9**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1N11**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/20/2018**
 (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: **11S61520005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **E. KINGSTON SPRINGS RD.**
 CROSSING: **HARPETH RIVER**
 LOCATION: **IN PEGRAM CITY LIMITS**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.56**
 SUFFICIENCY RATING: **92.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.10682 DEGREES**
 (17a,b) LONGITUDE: **W 87.07498 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: **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: **83.0 FT**
 (49) TOTAL BRIDGE LENGTH: **412.1 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: **42.0 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: **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 MAJOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (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: **4**
 (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: **9/20/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **/**
 (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

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11S63600005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SAMS CREEK RD.**
 CROSSING: **SAMS CREEK**
 LOCATION: **5.5 MI. N. OF PEGRAM**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **6.90**
 SUFFICIENCY RATING: **98.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.15913 DEGREES**
 (17a,b) LONGITUDE: **W 87.04425 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: **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: **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: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **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: **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: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (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: **9/19/2018**
 (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: **11S63600007**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SAMS CREEK RD.**
 CROSSING: **SAMS CREEK**
 LOCATION: **6.5 MI. N. OF PEGRAM**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **7.87**
 SUFFICIENCY RATING: **98.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.17178 DEGREES**
 (17a,b) LONGITUDE: **W 87.04713 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: **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: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **38.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **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: **30.2 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL 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): **6**

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **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: **9/19/2018**
 (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**

PUBLICATION DATE

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11S63600009**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SAMS CREEK RD.**
 CROSSING: **SAMS CREEK**
 LOCATION: **4.8 MI.S.E. OF SR 49**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **8.51**
 SUFFICIENCY RATING: **63.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.17898 DEGREES**
 (17a,b) LONGITUDE: **W 87.03957 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: **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: **32.2 FT**
 (49) TOTAL BRIDGE LENGTH: **94.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **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: **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: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (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: **2**
 (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: **94.2 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: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/19/2018**
 (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: **11S63600011**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SAMS CREEK RD.**
 CROSSING: **SAMS CREEK**
 LOCATION: **3.2 MI.S.OF LILLAMAY**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **10.57**
 SUFFICIENCY RATING: **55.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.20238 DEGREES**
 (17a,b) LONGITUDE: **W 87.03342 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: **1964**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **36.1 FT**
 (49) TOTAL BRIDGE LENGTH: **106.0 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: **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: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **5**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**
 (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: **2**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (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: **106 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$322,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$33,000.00**
 (96) TOTAL PROJECT COST: **\$484,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/19/2018**
 (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: **11S63600013**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **SAMS CREEK RD.**
 CROSSING: **DRY CREEK**
 LOCATION: **1.7 MI.S. OF LILLAMAY**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **11.54**
 SUFFICIENCY RATING: **73.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.21230 DEGREES**
 (17a,b) LONGITUDE: **W 87.04507 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: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **32.2 FT**
 (49) TOTAL BRIDGE LENGTH: **94.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **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: **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: **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: **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: **2**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **0011**
 (113) SCOUR CONDITION RATING: **3**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **94.2 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$562,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$57,000.00**
 (96) TOTAL PROJECT COST: **\$844,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/19/2018**
 (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: **11S61510003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **RIVER RD.**
 CROSSING: **BRUSH CREEK**
 LOCATION: **IN LILLAMAY**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **13.52**
 SUFFICIENCY RATING: **84.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.23535 DEGREES**
 (17a,b) LONGITUDE: **W 87.05807 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: **NOT APPLICABLE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2005**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **113.0 FT**
 (49) TOTAL BRIDGE LENGTH: **120.0 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: **44 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: **40.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **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: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (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: **9/25/2018**
 (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: **11S61510001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **RIVER RD.**
 CROSSING: **BLUE CREEK**
 LOCATION: **.6 MI.N.E. OF LILLAMAY**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **14.14**
 SUFFICIENCY RATING: **96.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.24370 DEGREES**
 (17a,b) LONGITUDE: **W 87.06365 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: **22.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **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 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: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1N1N**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/25/2018**
 (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: **11100240003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **JACKSON FELTS RD.**
 CROSSING: **NEW HOPE RD. / I24**
 LOCATION: **2.8 M NE OF MOUNT ZION**

COUNTY: **CHEATHAM**
 ROUTE: **SR249**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **26.02**
 SUFFICIENCY RATING: **67.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.34792 DEGREES**
 (17a,b) LONGITUDE: **W 86.93170 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: **1973**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **119.1 FT**
 (49) TOTAL BRIDGE LENGTH: **236.9 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: **0 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: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **16.57 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **29.53 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **43.96 FT**

NAVIGATION DATA

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

CLASSIFICATION

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

CONDITION RATINGS

(58) DECK: **5**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **6**
 (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: **5**
 (68) DECK GEOMETRY: **7**
 (69) UNDERCLEARANCE RATING: **6**
 (71) WATERWAY ADEQUACY: **N**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1100**
 (113) SCOUR CONDITION RATING: **N**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **236.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$1,732,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$174,000.00**
 (96) TOTAL PROJECT COST: **\$2,599,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/17/2018**
 (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**

PUBLICATION DATE

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11S61490001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **PETWAY RD.**
 CROSSING: **BRANCH**
 LOCATION: **2 M SW JCT GERMNTWN&SR250**

COUNTY: **CHEATHAM**
 ROUTE: **SR250**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.40**
 SUFFICIENCY RATING: **90.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.20947 DEGREES**
 (17a,b) LONGITUDE: **W 87.15942 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: **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: **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: **28.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.9 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: **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: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (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: **9/12/2018**
 (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: **11S61490003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **PETWAY RD.**
 CROSSING: **TURNIPSEED CREEK**
 LOCATION: **1.3 MI.N.E. OF HARPETH R.**

COUNTY: **CHEATHAM**
 ROUTE: **SR250**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.10**
 SUFFICIENCY RATING: **91.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.21645 DEGREES**
 (17a,b) LONGITUDE: **W 87.14997 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: **21.0 FT**
 (49) TOTAL BRIDGE LENGTH: **44.3 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **28.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **26.9 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: **28.5 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

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

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **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**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL 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: **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: **9/12/2018**
 (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: **11S61510005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **RIVER RD.**
 CROSSING: **SAMS CREEK**
 LOCATION: **3.4 MI.W. OF DAVIDSON CO.**

COUNTY: **CHEATHAM**
 ROUTE: **SR251**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.63**
 SUFFICIENCY RATING: **94.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.22650 DEGREES**
 (17a,b) LONGITUDE: **W 87.03677 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: **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: **61.0 FT**
 (49) TOTAL BRIDGE LENGTH: **170.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **40 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **41.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **39.4 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 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: **7**
 (60) SUBSTRUCTURE: **8**
 (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: **7**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

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

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/19/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **08/2015**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **11S61510007**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **RIVER RD.**
 CROSSING: **POND CREEK**
 LOCATION: **.5 MI.W. OF DAVIDSON CO.**

COUNTY: **CHEATHAM**
 ROUTE: **SR251**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.54**
 SUFFICIENCY RATING: **64.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.20437 DEGREES**
 (17a,b) LONGITUDE: **W 86.99193 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: **1957**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

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

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **2**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1101**
 (113) SCOUR CONDITION RATING: **5**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **86 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$264,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**
 (96) TOTAL PROJECT COST: **\$397,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **9/19/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **08/2015**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (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: **110A2860001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **02180**
 ROAD NAME: **TENNESSEE WALTZ PKWY.**
 CROSSING: **BRANCH**
 LOCATION: **0.1 M. S. SR49-ASHLAND CT**

COUNTY: **CHEATHAM**
 ROUTE: **SR455**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.07**
 SUFFICIENCY RATING: **93.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.27110 DEGREES**
 (17a,b) LONGITUDE: **W 87.06917 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: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **11.2 FT**
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **33.1 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: **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 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): **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: **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: **9/25/2018**
 (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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