

COUNTY: HAMILTON

ROUTE: 01145

LOG MILE: 4.25

BRIDGE ID NUMBER: 33100750069

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: OOLTEWAH-GEORGETOWN RD.

CROSSING: GEORGETOWN PIKE / 175

# SUFFICIENCY RATING: 63.8

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

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

#### CONDITION RATINGS -

(58) DECK:	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

H-20-44
ALL LEGAL LOADS
ALL LEGAL LOADS
5

#### (41) WT POSTING STATUS: **OPFN**

( )	
APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	4
(69) UNDERCLEARANCE RATING:	4
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	7
(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:	249 FT
(94)	BRIDGE IMPROVEMENT COST:	\$564,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$57,000.00
(96)	TOTAL PROJECT COST:	\$847,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2018

#### INSPECTION DATES =

(90) DATE OF LAST REGULAR INSPECTION:	7/10/2018
(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

LOCATION: 1 MI FROM BLANE RD.	
IDENTIFICATION -	
	5.11762 DEGREES 5.04528 DEGREES N/A N/A NOT APPLICABLE
BRIDGE TYPE AND MATER	IAL ———
(43a) MAIN SPAN MATERIAL: CONCRETE CON (44a) APPR SPAN MATERIAL: NOT APPLICABL	
(45) NUMBER OF MAIN SPANS:	4
(46) NUMBER OF APPROACH SPANS:	0
	TE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE AND DECK	
,	LITHIC CONCRETE
B) TYPE MEMBRANE: C) TYPE PROTECTION:	NONE NONE
AGE AND SERVICE	
<ul><li>(27) YEAR THE BRIDGE WAS BUILT:</li><li>(106) YEAR THE BRIDGE WAS REHABILITATED:</li></ul>	1962 N/A
(42a) SERVICE ON BRIDGE:	. N/A HIGHWAY
(42b) UNDER BRIDGE:	HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	
GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	68.9 FT
(49) TOTAL BRIDGE LENGTH:	249.0 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: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	34.4 FT 29.9 FT
(33) BRIDGE MEDIAN:	NO MEDIAN
(34) BRIDGE SKEW:	15 DEGREES
(35) BRIDGE FLARE:	NO FLARE
(520) MIN VERTICAL CLEARANCE OVER RD:	
(47) MIN HORIZONTAL CLEARANCE ON ROADW	
,	BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: <b>HIGHWAY</b>	17.03 FT BENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIGHT:	10.5 FT
(56) MIN HORZ UNDERCLR ON LEFT:	26.9 FT
NAVIGATION DATA	
(38) NAV CONTROL:	NOT APPLICABLE
(39) NAVIGATION VERTICAL CLEARANCE:	N/A
(116) LIFT BRIDGE VERT CLEARANCE:	N/A
(40) NAVIGATION HORZ CLEARANCE:	N/A



BRIDGE ID NUMBER: 33SR1530013 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03556
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: SHALLOWFORD RD. COUNTY SEQUENCE: 1

CROSSING: SR 153 LOG MILE: 5.57 LOCATION: OVER SR153-2MI N OF SR 2 SUFFICIENCY RATING: 74.8

LOCATION: OVER SR153-2MI N OF SR 2	SUFFICIENCY RATING: 74.8	
IDENTIFICATION —	CLASSIFICATION —	
(16a,b) LATITUDE: N 35.05423 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 85.19103 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL	
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
(44a) APPR SPAN MATERIAL: CONCRETE CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7	
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N	
B) TYPE MEMBRANE: PREFORMED FABRIC	(62) CULVERT CONDITION (IF APPLICABLE): N	
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———	
AGE AND SERVICE	(31) DESIGN LOADING: H-20-44	
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 1961	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5	
	(41) WT POSTING STATUS: <b>OPEN</b>	
(42b) UNDER BRIDGE: HIGHWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2		
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6	(67) STRUCTURAL EVALUATION: 7	
	(68) DECK GEOMETRY: 3	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING: 4	
(48) MAXIMUM SPAN LENGTH: 57.1 FT	(71) WATERWAY ADEQUACY:	
(49) TOTAL BRIDGE LENGTH: 195.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 3.3 FT	(36) TRAFFIC SAFETY FEATURES: 0000	
(50b) RIGHT SIDEWALK WIDTH: 3.3 FT	(113) SCOUR CONDITION RATING: N	
(51) BRIDGE CURB TO CURB WIDTH: 27.9 FT	RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: 34.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 195.9 FT	
(34) BRIDGE SKEW: 26 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$537,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$54,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$806,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 47.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019	
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: 16.77 FT	(90) DATE OF LAST REGULAR INSPECTION: 3/5/2019	
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: 9.51 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A	
(56) MIN HORZ UNDERCLR ON LEFT: 1.97 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS):	
(39) NAVIGATION VERTICAL CLEARANCE: N/A		
	PRODUCED PURSUANT TO	

N/A

N/A

PRODUCED PURSUANT TO
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(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 33SR1530014 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03556 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: SHALLOWFORD RD. COUNTY SEQUENCE: 1 CROSSING: SR 153 LOG MILE: 5.57 LOCATION: OVER SR153-2MI N OF SR 2 SUFFICIENCY RATING: 75.8 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.05437 DEGREES 85.19117 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: N/A

N/A

N/A

N/A

(17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (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: n CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: PREFORMED FABRIC NONE C) TYPE PROTECTION: - AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1961 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY** (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 57.1 FT (49) TOTAL BRIDGE LENGTH: 195.9 FT (50a) LEFT SIDEWALK WIDTH: 3.3 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 3.3 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT (52) BRIDGE OUT TO OUT WIDTH: 34.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 30.8 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 26 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION** (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 47.0 FT (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: 16 99 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 9.84 FT (56) MIN HORZ UNDERCLR ON LEFT: 1.97 FT **NAVIGATION DATA** (38) NAV CONTROL: **NOT APPLICABLE** 

YES **NOT A NHS ROUTE URBAN MINOR 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: 7 (59) SUPERSTRUCTURE: 7 (60) SUBSTRUCTURE: 7 (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν DESIGN LOAD AND WEIGHT POSTING (31) DESIGN LOADING: H-20-44 ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: **OPEN APPRAISAL** (67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 3 (69) UNDERCLEARANCE RATING: 5 (71) WATERWAY ADEQUACY: Ν

# RECOMMENDED IMPROVEMENTS

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(72) APPROACH ROADWAY ALIGNMENT:

**BRIDGE WIDENING WITH DECK REPAIR** (75) TYPE OF WORK: OR REPLACEMENT (76) LENGTH OF BRIDGE IMPROVEMENT: 195.9 FT

(94) BRIDGE IMPROVEMENT COST: \$537,000.00 (95) ROADWAY IMPROVEMENT COST: \$54,000.00 (96) TOTAL PROJECT COST: \$806,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019

INSPECTION DATES

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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



ROUTE: 03578

LOG MILE: 0.80

**NOT BEEN DETERMINED** 

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 60.4

BRIDGE ID NUMBER: 33100240059 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 22720 ROAD NAME: S. MOORE RD.

CROSSING: I-24

LOCATION: 1 MI.W.OF I-75 JCT.

## - CLASSIFICATION -

IDENTIFICATION —————		CLASSIFICATION —		
(16a,b) LATITUDE:	N	35.00628 DEGREES (112) MEETS NBIS BRIDGE LENGTH:		YES
(17a,b) LONGITUDE:	W	85.23170 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND I	ИΔТΙ	FRIAI ————	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
			(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK

9.84 FT

6.56 FT

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(4E) NUIMBED OF MAIN CDANC.

(45) NUMBER OF MAIN SPANS:	4
(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	NOT APPLICABLE
(108) TYPE OF WEARING SURFACE AND I	DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** 

B) TYPE MEMBRANE: UNKNOWN C) TYPE PROTECTION: NONE

#### AGE AND SERVICE

1964	YEAR THE BRIDGE WAS BUILT:
N/A	S) YEAR THE BRIDGE WAS REHABILITATED:
-PEDESTRIAN	a) SERVICE ON BRIDGE: HIGHWAY-
HIGHWAY	) UNDER BRIDGE:
4	i) NUMBER OF LANES CARRIED BY BRIDGE:
6	NUMBER OF LANES UNDER THE BRIDGE

#### ■ GEOMETRIC DATA =

55.1 FT	(48) MAXIMUM SPAN LENGTH:
174.9 FT	(49) TOTAL BRIDGE LENGTH:
7.9 FT	(50a) LEFT SIDEWALK WIDTH:
7.5 FT	(50b) RIGHT SIDEWALK WIDTH:
64 FT	(51) BRIDGE CURB TO CURB WIDTH:
76.4 FT	(52) BRIDGE OUT TO OUT WIDTH:
58.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>64.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
RENEATH RRINGE	(54a) VEDT LINDEDOLD: HIGHWAY

(54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.7 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:

#### NAVIGATION DATA (20) NAVI CONTROL

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

**PUBLICATION DATE** 19-Mar-20

———— CONDITION RATINGS	
(58) DECK:	7
(59) SUPERSTRUCTURE:	4
(60) SUBSTRUCTURE:	5
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

### 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: <b>OPEN</b>	

APPRAISAL	
VALUATION:	4
RY:	7
NCE RATING:	4
EQUACY:	N
ADWAY ALIGNMENT:	8
Y FEATURES:	0N0N
TION RATING:	N

#### RECOMMENDED IMPROVEMENTS

	BRIDGE REPLACEMENT	(75) TYPE OF WORK	(75)
208.7 FT	GE IMPROVEMENT:	(76) LENGTH OF BF	(76)
\$2,933,000.00	EMENT COST:	(94) BRIDGE IMPRO	(94)
\$294,000.00	OVEMENT COST:	(95) ROADWAY IMP	(95)
\$4,400,000.00	COST:	(96) TOTAL PROJEC	(96)
2020	/EMENT COST ESTIMATE:	(97) YEAR OF IMPR	(97)

### INSPECTION DATES

10/10/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
01/2020	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
Y06	(92c) SPECIAL INSP FREQUENCY (MONTHS):



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N/A

7/24/2018

24

N/A

N/A

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HS-20-44

BRIDGE ID NUMBER: 33100750049 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03580 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: SHALLOWFORD RD. COUNTY SEQUENCE: 1 CROSSING: SHALLOWFORD RD / I-75 LOG MILE: 2.15 LOCATION: 1.5 MI.NE.OF SR 153 SUFFICIENCY RATING: 93.0 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.04253 DEGREES (17a,b) LONGITUDE: 85.15637 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE CONTINUOUS NATIONAL REGISTER (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1959 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1989 (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 68.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 243.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 4.9 FT (36) TRAFFIC SAFETY FEATURES: 4.9 FT (50b) RIGHT SIDEWALK WIDTH: (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 63.6 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 87.9 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 86.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 18 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 76.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.6 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 12.14 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 6.89 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 33SR1530030 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03588
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: NOT AVAILABLE COUNTY SEQUENCE: 1
CROSSING: SR 153 LOG MILE: 4.29

LOCATION: **2.4 MI.N.OF TN. RV.** SUFFICIENCY RATING: **75.2** 

LOCATION: 2.4 MI.N.OF TN. RV.	SUFFICIENCY RATING: 75.2
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.13097 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.24477 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>CONCRETE</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
	(31) DESIGN LOADING: HS-20-44 +MOD
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1954	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: HIGHWAY	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	(67) STRUCTURAL EVALUATION: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE: 4	(68) DECK GEOMETRY:
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING: 3
(48) MAXIMUM SPAN LENGTH: 50.9 FT	(71) WATERWAY ADEQUACY:
(49) TOTAL BRIDGE LENGTH: 184.1 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 3.3 FT	(36) TRAFFIC SAFETY FEATURES: 1111
(50b) RIGHT SIDEWALK WIDTH: 3.3 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 27.9 FT	RECOMMENDED IMPROVEMENTS ———
(52) BRIDGE OUT TO OUT WIDTH: 34.4 FT	(75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 32.2 FT	OR REPLACEMENT
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 184.1 FT
(34) BRIDGE SKEW: 23 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$500,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$51,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$751,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 16.17 FT	(90) DATE OF LAST REGULAR INSPECTION: 4/11/2019
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 2.95 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 5.91 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 33SR1530029 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03588
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: NOT AVAILABLE COUNTY SEQUENCE: 1
CROSSING: SR-153 LOG MILE: 4.29
LOCATION: 2.4 MI.N.OF TN.RIVER SUFFICIENCY RATING: 75.2

LOCATION. 2.4 MI.N.OF IN.RIVER	SUPPICIENCY RATING. 75.2
IDENTIFICATION ————————————————————————————————————	CLASSIFICATION —
(16a,b) LATITUDE: N 35.13082 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.24468 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
( · · · · · · · · · · · · · · · · · · ·	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 4	——— CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: <b>0</b>	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:  N (62) CHANGED CONDITION (IF A PRICAPILE)
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44 +MOD
(27) YEAR THE BRIDGE WAS BUILT: 1954	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: OPEN
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 4	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: 3
(48) MAXIMUM SPAN LENGTH: 50.9 FT	(69) UNDERCLEARANCE RATING: 3
(49) TOTAL BRIDGE LENGTH: 184.1 FT	(71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT:  8
(50a) LEFT SIDEWALK WIDTH: 3.3 FT	(36) TRAFFIC SAFETY FEATURES: 1111
(50b) RIGHT SIDEWALK WIDTH: 3.3 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 27.9 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 34.4 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 32.2 FT	(75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 184.1 FT
(34) BRIDGE SKEW: 23 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$500,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$51,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$751,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 17.85 FT	(90) DATE OF LAST REGULAR INSPECTION: 4/11/2019
(55a) HORZ UNDERCLR: <b>HIGHWAY BENEATH BRIDGE</b>	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 2.95 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 5.91 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: HAMILTON

ROUTE: 03601

LOG MILE: 0.74

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 64.6

BRIDGE ID NUMBER: 33SR1530015

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: JERSEY PK. CROSSING: SR 153

LOCATION: JERSEY PIKE / SR-153

LOCATION. JERSET PIRE! SK-133	SUPPICIENCY RATING. 04.0	
IDENTIFICATION —		
(16a,b) LATITUDE: N 35.06508 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 85.19522 DEGREES	` ,	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL	
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: <b>NOT APPLICABLE</b>	
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7	
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N	
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N	
C) TYPE PROTECTION: NONE		
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44	
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 1962	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5	
(42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
-		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6	(67) STRUCTURAL EVALUATION: 7	
GEOMETRIC DATA	(68) DECK GEOMETRY: 2	
	(69) UNDERCLEARANCE RATING: 4	
(48) MAXIMUM SPAN LENGTH: 50.9 FT	(71) WATERWAY ADEQUACY: N	
(49) TOTAL BRIDGE LENGTH: 181.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000	
(51) BRIDGE CURB TO CURB WIDTH: 27.9 FT	(113) SCOUR CONDITION RATING: N	
(52) BRIDGE OUT TO OUT WIDTH: 34.4 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 181.1 FT	
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$471,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$48,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$707,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019	
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INCRECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: 17.59 FT	(90) DATE OF LAST REGULAR INSPECTION: 3/6/2019	
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: 9.51 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A	
(56) MIN HORZ UNDERCLR ON LEFT: 1.64 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N	
89) NAVIGATION VERTICAL CLEARANCE: N/A PRODUCED PURSUANT TO		
(4.46)	I RODUCED I URSUANT TO	

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33SR1530007 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03602

FIPS CODE: **14000** 

ROAD NAME: SHEPHERD RD.

CROSSING: SR 153

LOCATION: 0.74 MI. N OF SR-2 JCT.

# CLASSIFICATION =

SPECIAL CASE: 0

LOG MILE: 0.84

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.8

IDENTIFICATION ————			CLASSIFICATION —	
(16a,b) LATITUDE:	N	35.04260 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.18610 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN I
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PA
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	

#### BRIDGE TYPE AND MATERIAL =

(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (44a) APPR SPAN MATERIAL:

(45) NUMBER OF MAIN SPANS:

_
S: <b>0</b>
CONCRETE CAST-IN-PLACE
AND DECK PROTECTION:
MONOLITHIC CONCRETE

B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE

2016	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
4	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
6	(28b) NUMBER OF LANES UNDER THE BRIDGE:

97.1 FT	(48) MAXIMUM SPAN LENGTH:
194.2 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
10.5 FT	(50b) RIGHT SIDEWALK WIDTH:
58.1 FT	(51) BRIDGE CURB TO CURB WIDTH:
70.2 FT	(52) BRIDGE OUT TO OUT WIDTH:
36.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>58.1 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: <b>HIGHWAY</b>
16.99 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
BENEATH BRIDGE	(55a) HORZ UNDERCLR: <b>HIGHWAY</b>

## (56) MIN HORZ UNDERCLR ON LEFT: 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

STEEL CONTINUOUS	
NOT APPLICABLE	

2	COND
0	(58) DECK:
I-PLACE	(59) SUPERSTRUCTURE:
	(60) CLIPCTPLICTLIPE:

(60) SUE

# 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:	HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	4

### GEOMETRIC DATA

97.1 FT	
194.2 FT	(
	(
0.0 FT	(
10.5 FT	,
58.1 FT	(
70.2 FT	
36.1 FT	(
MEDIAN	(
DEGREES	(
O FLARE	(
TRICTION	(
	1

9.84 FT

.98 FT

**PUBLICATION DATE** 19-Mar-20

(55b) MIN HORZ UNDERCLR ON RIGHT:

(112) MEETS NBIS BRIDGE LENGTH:	YES
(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(102) TRAFFIC DIR:	2-WAY TRAFFIC
(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK
(37) HISTORICAL CLASS: HISTOR	
NOT BEEN DETERMINED	
CONDITION RA	ATINGS —

BSTRUCTURE:	
REAM CHANNEL AND CHANNEL	PROTECTION:

(61) STF Ν (62) CULVERT CONDITION (IF APPLICABLE):

### 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

71110110712	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	5
(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
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(76) LENGTH OF BRIDGE IMPROVEMENT:

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

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

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H-20-44

BRIDGE ID NUMBER: 33100240079 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03609 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: SPRING CREEK RD. COUNTY SEQUENCE: 1 CROSSING: SPRING CREEK RD / I-24EB LOG MILE: 1.08 LOCATION: 0.2 MI W OF I-75 JCT. SUFFICIENCY RATING: 96.0 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.00402 DEGREES (17a,b) LONGITUDE: 85.21908 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1959 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 3 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 56.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 113.8 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 4.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 67.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 74.5 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 67.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 10 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 71.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 15.68 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 9 84 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 6.89 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



YFS

7

6

7

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9

4

Ν

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N/A

5/28/2019

24

N/A

N/A

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1111

BRIDGE ID NUMBER: 33100240063 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03609 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: SPRING CREEK RD. COUNTY SEQUENCE: 1 CROSSING: SPRING CREEK RD / I-24WB LOG MILE: 1.13 LOCATION: NEAR I-75 JCT. SUFFICIENCY RATING: 92.2 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.00467 DEGREES (17a,b) LONGITUDE: 85.21907 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING = C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: HS-20-44 +MOD AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1959 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 2005 (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 3 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 56.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 112.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 4.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 67.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 74.5 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 67.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 4 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 71.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.01 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 9 84 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 6.89 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA =

**NOT APPLICABLE** 

N/A

N/A

N/A

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



BRIDGE ID NUMBER: 33100240061

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 22720

ROAD NAME: MCBRIEN RD.
CROSSING: MCBRIEN RD / I-24

LOCATION: IN EAST RIDGE

COUNTY: HAMILTON ROUTE: 03610

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 1.58

SUFFICIENCY RATING: 81.4

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.00482 DEGREES YFS (17a,b) LONGITUDE: 85.22707 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED** CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: 7 (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: 6 OTHER (107) TYPE OF DECK: (60) SUBSTRUCTURE: 5 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): Ν B) TYPE MEMBRANE: UNKNOWN DESIGN LOAD AND WEIGHT POSTING = C) TYPE PROTECTION: NONE (31) DESIGN LOADING: HS-20-44 +MOD - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1959 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5 (67) STRUCTURAL EVALUATION: 5 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 (68) DECK GEOMETRY: 5 GEOMETRIC DATA (69) UNDERCLEARANCE RATING: 4 (48) MAXIMUM SPAN LENGTH: 60.0 FT (71) WATERWAY ADEQUACY: Ν (49) TOTAL BRIDGE LENGTH: 191.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 5.9 FT (36) TRAFFIC SAFETY FEATURES: 0NNN (50b) RIGHT SIDEWALK WIDTH: 5.6 FT (113) SCOUR CONDITION RATING: Ν (51) BRIDGE CURB TO CURB WIDTH: 67.9 FT RECOMMENDED IMPROVEMENTS 79.4 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 47.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 22 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 68.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.5 FT (90) DATE OF LAST REGULAR INSPECTION: 10/10/2018 (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** 24 (55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 5.91 FT Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A NAVIGATION DATA =

**NOT APPLICABLE** 

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

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PUBLIC RECORDS REQUEST
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document records request does not
waive the provisions of §409

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

# NATIONAL BRIDGE INVENTORY



TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33100240057 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 03611 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: BELVOIR AVE. COUNTY SEQUENCE: 1 CROSSING: BELVOIR AVE / I-24 LOG MILE: 1.01 LOCATION: 2 MI. W OF I-75 JCT. SUFFICIENCY RATING: 86.6 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.01130 DEGREES (17a,b) LONGITUDE: 85.24388 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: OTHER (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: UNKNOWN C) TYPE PROTECTION: NONE (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1965 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 55.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 190.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 5.9 FT (36) TRAFFIC SAFETY FEATURES: 5.6 FT

(50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: 67.9 FT 79.4 FT (52) BRIDGE OUT TO OUT WIDTH: 67.9 FT

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (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: 68.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 16.7 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 9 84 FT (56) MIN HORZ UNDERCLR ON LEFT: 6.89 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

**PUBLICATION DATE** 19-Mar-20

YFS **NOT A NHS ROUTE URBAN MINOR ARTERIAL NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** CONDITION RATINGS

7 6 5 (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν Ν

DESIGN LOAD AND WEIGHT POSTING =

HS-20-44 +MOD ALL LEGAL LOADS ALL LEGAL LOADS

5 9 4 Ν 0NNN (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 10/17/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33SR0290015
BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560

ROAD NAME: THRASHER PK.

CROSSING: SR 29

LOCATION: 2.41 MI. N OF SR-153 JCT.

COUNTY: HAMILTON
ROUTE: 03631

SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 0.00 SUFFICIENCY RATING: 96.4

IDENTIFICATION ————	
(16a,b) LATITUDE: N 35.21325 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.21795 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN COLLECTOR
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: LOW SLUMP CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1977	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: HIGHWAY	• •
(42b) UNDER BRIDGE: HIGHWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	• •
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 GEOMETRIC DATA	APPRAISAL  (67) STRUCTURAL EVALUATION: 7  (68) DECK GEOMETRY: 9  (69) UNDERCLEARANCE RATING: 9
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  116.1 FT	APPRAISAL         (67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 116.1 FT (49) TOTAL BRIDGE LENGTH: 228.0 FT	APPRAISAL         (67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  116.1 FT	APPRAISAL         (67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: 7  (68) DECK GEOMETRY: 9  (69) UNDERCLEARANCE RATING: 9  (71) WATERWAY ADEQUACY: N  (72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: 100N  (113) SCOUR CONDITION RATING: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 46.6 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: 7  (68) DECK GEOMETRY: 9  (69) UNDERCLEARANCE RATING: 9  (71) WATERWAY ADEQUACY: N  (72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: 100N  (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 49.9 FT	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 46.6 FT (52) BRIDGE OUT TO OUT WIDTH: 49.9 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  116.1 FT 228.0 FT 0.0 FT 46.6 FT 49.9 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (100N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 13 DEGREES	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100N (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  NO FLARE	APPRAISAL  (67) STRUCTURAL EVALUATION: 7  (68) DECK GEOMETRY: 9  (69) UNDERCLEARANCE RATING: 9  (71) WATERWAY ADEQUACY: N  (72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: 100N  (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:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.6 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	APPRAISAL  (67) STRUCTURAL EVALUATION: 7  (68) DECK GEOMETRY: 9  (69) UNDERCLEARANCE RATING: 9  (71) WATERWAY ADEQUACY: N  (72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: 100N  (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
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.6 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 17.19 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: 7  (68) DECK GEOMETRY: 9  (69) UNDERCLEARANCE RATING: 9  (71) WATERWAY ADEQUACY: N  (72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: 100N  (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: 1/8/2019
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 13 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.6 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	APPRAISAL  (67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (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: 1/8/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.6 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 17.19 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: 7  (68) DECK GEOMETRY: 9  (69) UNDERCLEARANCE RATING: 9  (71) WATERWAY ADEQUACY: N  (72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: 100N  (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: 1/8/2019

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

NAVIGATION DATA =

NOT APPLICABLE

N/A

N/A

N/A

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N/A

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(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33I00240053

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 22720

ROAD NAME: S. SEMINOLE DR.

CROSSING: S. SEMINOLE DR. / I-24

LOCATION: MISSIONARY RIDGE AREA

DENTIFICATION

COUNTY: HAMILTON

ROUTH: 04148

ROUTE: 04148

COUNTY SEQUENCE: 1

LOG MILE: 3.27

SUFFICIENCY RATING: 86.4

LOCATION. MISSIONART RIDGE AREA	SUFFICIENCY RATING. 00.4
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.02000 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.26000 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN COLLECTOR
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: STEEL	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
( )	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 5	
(46) NUMBER OF APPROACH SPANS:	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 8
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	
B) TYPE MEMBRANE: NONE	
C) TYPE PROTECTION: NONE	
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44 +MOD
(27) YEAR THE BRIDGE WAS BUILT: 1963	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6	
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 56.1 FT	(69) UNDERCLEARANCE RATING: 4
(49) TOTAL BRIDGE LENGTH: 270.0 FT	(71) WATERWAY ADEQUACY:
(50a) LEFT SIDEWALK WIDTH: 0.3 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.3 FT	(36) TRAFFIC SAFETY FEATURES: 1111
(51) BRIDGE CURB TO CURB WIDTH: 27.9 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 38.4 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 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: 28.0 FT	
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 18.01 FT	
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	
(55b) MIN HORZ UNDERCLR ON RIGHT: 9.84 FT	, ,
(56) MIN HORZ UNDERCLR ON LEFT: 5.91 FT	, ,
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR):  N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



LOG MILE: 3.06

BRIDGE ID NUMBER: 33I00240051 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 04984
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: N. CREST RD. COUNTY SEQUENCE: 1

CROSSING: S. CREST / 124 & E. MAIN

LOCATION: S. CREST / 1.24 & E. MAIN LOG MILE: 3.06  LOCATION: S. CREST / 1.24 & E. MAIN SUFFICIENCY RATING: 68.3	
IDENTIFICATION —	CLASSIFICATION ————————————————————————————————————
(16a,b) LATITUDE: N 35.02227 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.26128 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN COLLECTOR
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 5	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 8
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 8
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 8
A) TYPE OF SURFACE: LOW SLUMP CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: H-15-44
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: WEIGHT POSTED
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
	(69) UNDERCLEARANCE RATING: 4
(48) MAXIMUM SPAN LENGTH: 154.9 FT	(71) WATERWAY ADEQUACY: N
(49) TOTAL BRIDGE LENGTH: 615.2 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.3 FT	(36) TRAFFIC SAFETY FEATURES: 111N
(50b) RIGHT SIDEWALK WIDTH: 0.3 FT	(113) SCOUR CONDITION RATING: N
(51) BRIDGE CURB TO CURB WIDTH: 24 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: <b>34.1 FT</b> (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: <b>24.0 FT</b>	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS
(32) ATTROACHTOADWAT (W/ CHEDS) WIDTH. 24.0 FT	NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 615.2 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$1,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$1,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$2,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 24.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 40.03 FT	(90) DATE OF LAST REGULAR INSPECTION: 10/24/2018
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 3.94 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N
(20) MANUGATION VERTICAL OLEARANCE	

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

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HS-20-44

**NHS ROUTE** 

BRIDGE ID NUMBER: 33100750001 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 04986 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: HAMILTON PLACE BLVD. COUNTY SEQUENCE: 1 CROSSING: RP FR HAMILTON PL / 175 LOG MILE: 1.50 LOCATION: 1 MI N SR153/I75 JCT SUFFICIENCY RATING: 96.3 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.03588 DEGREES (17a,b) LONGITUDE: 85.16257 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN COLLECTOR** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1987 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 1 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 8 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 111.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 224.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 23.6 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 25.6 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 23.3 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 5 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 23.5 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.4 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: 25.92 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 7.87 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (38) NAV CONTROL: **NO NAVIGATION CONTROL** (92c) SPECIAL INSP FREQUENCY (MONTHS): (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



YES

7

7

7

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Ν

7

6

3

Ν

8

Ν

N/A

7/24/2018

24

Ν

Ν

1010

HS-20-44

ALL LEGAL LOADS

**ALL LEGAL LOADS** 

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

LOCAL CITY STREET

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33100750043 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 04988 SPECIAL CASE: 0 FIPS CODE: 14000 ROAD NAME: FRANKS RD. COUNTY SEQUENCE: 1 CROSSING: FRANKS RD / I-75 & RAMP LOG MILE: 3.56 LOCATION: 1 MI. N OF SR-153 JCT. SUFFICIENCY RATING: 93.6 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.03258 DEGREES (17a,b) LONGITUDE: 85.16725 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE CONTINUOUS NATIONAL REGISTER (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **MONOLITHIC CONCRETE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING **EPOXY COATED REINFORCING** C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 2001 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 11 (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING:

**NOT APPLICABLE** 

N/A

N/A

N/A

GEOMETRIC DATA	
GEOWIETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	94.2 FT
(49) TOTAL BRIDGE LENGTH:	274.9 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:	24.0 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 ROADW	/AY: <b>44.0 FT</b>
(54a) VERT UNDERCLR: <b>HIGHWAY</b>	BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE:	17.91 FT
(55a) HORZ UNDERCLR: <b>HIGHWAY</b>	BENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIGHT:	7.87 FT
(56) MIN HORZ UNDERCLR ON LEFT:	3.94 FT

NAVIGATION DATA

(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409

RECOMMENDED IMPROVEMENTS

INSPECTION DATES

**NOT APPLICABLE** 

(71) WATERWAY ADEQUACY:

(75) TYPE OF WORK:

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(72) APPROACH ROADWAY ALIGNMENT:

(76) LENGTH OF BRIDGE IMPROVEMENT:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(90) DATE OF LAST REGULAR INSPECTION:

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

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COUNTY: HAMILTON

ROUTE: 05404

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33SR0020019

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

(98a) BORDER BRIDGE STATE CODE:

(43a) MAIN SPAN MATERIAL: STEEL

(46) NUMBER OF APPROACH SPANS:

(44a) APPR SPAN MATERIAL: CONCRETE

(99) BORDER BRIDGE NUMBER:

(45) NUMBER OF MAIN SPANS:

(16a,b) LATITUDE:

(17a,b) LONGITUDE:

(98b) PERCENT SHARE:

ROAD NAME: MCCALLIE AVE. CROSSING: SR 2 (DODDS AVE)

LOCATION: .5 MI W MACCALLIE TUNNEL IDENTIFICATION

BRIDGE TYPE AND MATERIAL

OF TRANSPORTATION

LOG MILE: 2.83 SUFFICIENCY RATING: 64.2 CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: 35.03160 DEGREES YES 85.26418 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** N/A (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE NOT APPLICABLE** (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 1 (58) DECK: 6 9 (59) SUPERSTRUCTURE: 6 (60) SUBSTRUCTURE: 5 (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν DESIGN LOAD AND WEIGHT POSTING (31) DESIGN LOADING: HS-20-44 ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: **OPEN APPRAISAL** (67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 3 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: Ν RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 339.9 FT (94) BRIDGE IMPROVEMENT COST: \$714,000.00 (95) ROADWAY IMPROVEMENT COST: \$72,000.00 (96) TOTAL PROJECT COST: \$1,072,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (90) DATE OF LAST REGULAR INSPECTION: 6/17/2019 16 93 FT **HIGHWAY BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 7.87 FT N/A **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν

(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: PREFORMED FABRIC NONE C) TYPE PROTECTION: AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1956 (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (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: 86.0 FT (49) TOTAL BRIDGE LENGTH: 339.9 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT (52) BRIDGE OUT TO OUT WIDTH: 35.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 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: 26.0 FT

**NAVIGATION DATA** 

**NOT APPLICABLE** 

N/A

N/A

N/A

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(39) NAVIGATION VERTICAL CLEARANCE:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

PRODUCED PURSUANT TO

N/A

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(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

Ν

35.03178 DEGREES

85.26413 DEGREES

N/A

27.9 FT

**NO MEDIAN** 

**NO FLARE** 

83 7 FT

16.99 FT

7.87 FT

N/A

N/A

N/A

11 DEGREES

NO RESTRICTION

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**HIGHWAY BENEATH BRIDGE** 

**HIGHWAY BENEATH BRIDGE** 



COUNTY: HAMILTON

ROUTE: 05404

LOG MILE: 2.83

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33SR0020020

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

(98a) BORDER BRIDGE STATE CODE:

(16a,b) LATITUDE:

(17a,b) LONGITUDE:

ROAD NAME: MCCALLIE AVE. CROSSING: SR 2 (DODDS AVE)

LOCATION: .5 MI. W MACCALLIE TUNNEL IDENTIFICATION

(T) \ T	TDOT
TN	DEPARTMENT
	OF TRANSPORTATION

SUFFICIENCY RATING: 75	5.2	
CLASSIFICATION —		
(112) MEETS NBIS BRIDGE LENGTH:	YES	
(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE	
(26) FUNCTIONAL CLASS: URBAN P	RINCIPAL ARTERIAL	
101) PARALLEL BRIDGE:	LEFT LANE BRIDGE	
102) TRAFFIC DIR:	1-WAY TRAFFIC	
103) TEMPORARY BRIDGE:	NOT APPLICABLE	
110) NATIONAL TRUCK ROUTE: NOT O	N 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 PROTE	ECTION: N	
62) CULVERT CONDITION (IF APPLICABLE):	N	
DESIGN LOAD AND WEIGHT P	OSTING ——	
31) DESIGN LOADING:	HS-20-44	
WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS	
VEIGHT 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:	4	
71) WATERWAY ADEQUACY:	N	
72) APPROACH ROADWAY ALIGNMENT:	8	
36) TRAFFIC SAFETY FEATURES:	0000	
113) SCOUR CONDITION RATING:	N	
RECOMMENDED IMPROVE	MENTS —	
75) TYPE OF WORK: BRIDGE WIDENING (INEEDED)	NO DECK REPAIRS	
76) LENGTH OF BRIDGE IMPROVEMENT:	339.9 FT	
94) BRIDGE IMPROVEMENT COST:	\$605,000.00	
(95) ROADWAY IMPROVEMENT COST:	\$61,000.00	
96) TOTAL PROJECT COST:	\$908,000.00	
97) YEAR OF IMPROVEMENT COST ESTIMAT	ΓΕ: <b>2019</b>	
INSPECTION DATES		

(90) DATE OF LAST REGULAR INSPECTION:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not

waive the provisions of §409

6/17/2019

24

N/A

N/A

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#### (98b) PERCENT SHARE: N/A (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL -(43a) MAIN SPAN MATERIAL: STEEL (44a) APPR SPAN MATERIAL: CONCRETE (45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: PREFORMED FABRIC C) TYPE PROTECTION: NONE AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1956 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY HIGHWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 4 GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 86.0 FT (49) TOTAL BRIDGE LENGTH: 339.9 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: 31.2 FT

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(520) MIN VERTICAL CLEARANCE OVER RD:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(39) NAVIGATION VERTICAL CLEARANCE:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

NAVIGATION DATA

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:



BRIDGE ID NUMBER: 33SR0290019 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 05744 FIPS CODE: 69560 SPECIAL CASE: 0 ROAD NAME: HARRISON LN. COUNTY SEQUENCE: 1 CROSSING: SR 29 LOG MILE: 0.21 LOCATION: 4.33 MI. N OF SR-153 JCT. SUFFICIENCY RATING: 93.4 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.23492 DEGREES (17a,b) LONGITUDE: 85.19663 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A

N/A

N/A

**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: n (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

(98b) PERCENT SHARE:

(99) BORDER BRIDGE NUMBER:

(27) YEAR THE BRIDGE WAS BUILT: 1975
(106) YEAR THE BRIDGE WAS REHABILITATED: 1999
(42a) SERVICE ON BRIDGE: HIGHWAY
(42b) UNDER BRIDGE: HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 3
(28b) NUMBER OF LANES UNDER THE BRIDGE: 4

(48) MAXIMUM SPAN LENGTH: 100.1 FT (49) TOTAL BRIDGE LENGTH: 200.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 55.1 FT 57.1 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 57.1 FT **NO MEDIAN** (33) BRIDGE 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: 53.7 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.01 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 40.03 FT (56) MIN HORZ UNDERCLR ON LEFT: 28.87 FT

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

PUBLICATION DATE

(40) NAVIGATION HORZ CLEARANCE:

(112) MEETS NBIS BRIDGE LENGTH:
(104) NATIONAL HIGHWAY SYSTEM:
(26) FUNCTIONAL CLASS:
(101) PARALLEL BRIDGE:
(102) TRAFFIC DIR:
(103) TEMPORARY BRIDGE:
(104) NATIONAL TRUCK ROUTE:
(105) NATIONAL TRUCK ROUTE:
(106) NOT ON TRUCK NETWORK
(107) HISTORICAL CLASS:
(107) HISTORICAL CLASS:
(118) 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

TESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING:
WEIGHT POSTING (2 AXLE VEHICLES):
WEIGHT POSTING (3 OR MORE AXLES):
ALL LEGAL LOADS

(70) BRIDGE POSTING CODE:

5

(41) WT POSTING STATUS: **OPEN** 

APPRAISAL

(67) STRUCTURAL EVALUATION:
 (68) DECK GEOMETRY:
 (69) UNDERCLEARANCE RATING:
 (71) WATERWAY ADEQUACY:
 N

(72) APPROACH ROADWAY ALIGNMENT:
 8

(36) TRAFFIC SAFETY FEATURES:
 1001

(113) SCOUR CONDITION RATING:
 N

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**(76) LENGTH OF BRIDGE IMPROVEMENT:

(a) LENGTH OF BRIDGE IMPROVEMENT.

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/14/2019
(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS): N

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
and its production pursuant to a public
document records request does not
waive the provisions of §409

N/A



BRIDGE ID NUMBER: 33100750055

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: WALKER RD.

CROSSING: 175

LOCATION: 0.5 MI S OF SR-2 JCT.

COUNTY: HAMILTON

ROUTE: 05788

LOG MILE: 0.18

SUFFICIENCY RATING: 97.3

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

IDENTIFICATION	
(16a,b) LATITUDE: N 35.05547 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.13817 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL CITY STREET
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	(58) DECK: 7
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: NONE	DESIGN LOAD AND WEIGHT POSTING
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44 +MOD
(27) YEAR THE BRIDGE WAS BUILT: 2004	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
( )	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL
	(67) STRUCTURAL EVALUATION: 7
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 4	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 6
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 119.1 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 119.1 FT (49) TOTAL BRIDGE LENGTH: 326.1 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH:	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 31.5 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: (1111 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 33.5 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (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
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 31.2 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (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: (94) BRIDGE IMPROVEMENT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  NO MEDIAN	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1111) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 31 DEGREES	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (836) TRAFFIC SAFETY FEATURES: (1111) (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  NO FLARE	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (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:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (836) TRAFFIC SAFETY FEATURES: (1111) (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 31.5 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (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:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1111) (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 16.5 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1111 (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: NA (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 7/11/2018
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 16.5 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (111) (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (836) TRAFFIC SAFETY FEATURES: (1111) (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33100240047

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: RINGGOLD RD.

CROSSING: OLD RINGGOLD RD / I-24 LOCATION: 0.3 MI E OF SR-8 JCT.

COUNTY: HAMILTON
ROUTE: 0B323
SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 0.41

SUFFICIENCY RATING: 58.8

CLASSIFICATION	LOCATION. U.3 WILE OF SR-6 JCT	•	SUPPLICIENCY RATING. 50.0	
(174_b), LONGITUDE:	IDENTIFICATION		CLASSIFICATION —	
(26) FUNCTIONAL CLASS:	(16a,b) LATITUDE: N	35.01677 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(98) BORDER BRIDGE NUMBER:	(17a,b) LONGITUDE: W	85.26920 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT	A NHS ROUTE
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (44a) APPR SPAN MATERIAL: STEEL CONTINUOUS (44b) APPR SPAN MATERIAL: STEEL CONTINUOUS (44b) APPR SPAN MATERIAL: STEEL (45) NUMBER OF MAIN SPANS: (46) NUMBER OF MAIN SPANS: (46) NUMBER OF MAIN SPANS: (47) TYPE OF DECK: (48) NUMBER OF MAIN SPANS: (49) TYPE OF DECK: (58) DECK: (58) DECK: (58) SUPERSTRUCTURE: (59) SUPERSTRUCTURE: (59) SUPERSTRUCTURE: (59) SUPERSTRUCTURE: (59) SUBSTRUCTURE: (50) SUBSTRUCTURE: (50) SUBSTRUCTURE: (50) SUBSTRUCTURE: (51) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: MONOLITHIC CONCRETE (51) TYPE AND BRIDGE: (51) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: MONOLITHIC CONCRETE (50) SUPERSTRUCTURE: (51) STREAM CHANNEL AND CHANNEL PROTECTION: NOIE (52) CULVERT CONDITION (IF APPLICABLE): N  AGE AND SERVICE (57) YEAR THE BRIDGE WAS BUILT: 1953 (106) YEAR THE BRIDGE: 107 (108) NUMBER OF LANES UNDER THE BRIDGE: 108) NUMBER OF LANES UNDER THE BRIDGE: 109 (109) MURBER OF LANES UNDER THE BRIDGE: 109 (109) DECK GEOMETRY: 109 (109) DECK GEOMETRY: 100 (100) RIBRIDGE LENGTH: 100 (100) RIBRIDGE LEN	(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS: LOCAL	CITY STREET
BRIDGE TYPE AND MATERIAL  (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS  (44b) APPR SPAN MATERIAL: STEEL CONTINUOUS  (44b) APPR SPAN MATERIAL: STEEL  (45) NUMBER OF MAIN SPANS:  (46) NUMBER OF APPROACH SPANS:  (107) TYPE OF DECK: CONCRETE CAST-IN-LACE  (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  A) TYPE OF SURFACE: MONOLITHIC CONCRETE  B) TYPE MEMBRANE: NONE  C) TYPE PROTECTION: NONE  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: 1963  (106) YEAR THE BRIDGE WAS REHABILITATED: NIA  (42a) SERVICE ON BRIDGE: HIGHWAY  (42b) UNDER BRIDGE: HIGHWAY  (42b) UNDER BRIDGE: HIGHWAY  (42b) UNDER BRIDGE: HIGHWAY  (42b) UNDER BRIDGE: GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 33.5 FT  (50b) RIGHT SIDEWALK WIDTH: 0.3 FT  (51) BRIDGE CURB TO CURB WIDTH: 2.79 FT  (50b) RIGHT SIDEWALK WIDTH: 0.3 FT  (51) BRIDGE CURB TO CURB WIDTH: 0.3 FT  (52) BRIDGE REDIAN; 0.5 REPROACH ROADWAY (W. SHLDS) WIDTH: 2.40 FT  (52) APPROACH ROADWAY (W. SHLDS) WIDTH: 2.40 FT  (52) APPROACH ROADWAY (W. SHLDS) WIDTH: 2.40 FT  (52) APPROACH ROADWAY (W. SHLDS) WIDTH: 2.40 FT  (53) BRIDGE REDIAN; 0.5 RESTRICTION  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) ROADWAY IMPROVEMENT COST: \$2,103,000.00  (77) YEAR OF HIGHWAY BENEATH BRIDGE  (540) MIN VERTICAL CLEARANCE: 1.60 FT  (541) WAY CONTROL (MONTR): NA  (38) NAV CONTROL: 0.10 FT  (39) NAVIGATI	(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE: NO PARA	LLEL BRIDGE
(43) MAIN SPAN MATERIAL: STEEL CONTINUOUS (44a) APPR SPAN MATERIAL: STEEL  (45) NUMBER OF MAIN SPANS: (46) NUMBER OF MAIN SPANS: (46) NUMBER OF MAIN SPANS: (46) NUMBER OF DECK: (46) NUMBER OF PARPOACH SPANS: (47) TYPE OF DECK: (48) NUMBER OF WARRING SURFACE AND DECK PROTECTION: (47) TYPE OF DECK: (59) SUPERSTRUCTURE: (47) TYPE OF SURFACE: (59) SUPERSTRUCTURE: (59) SUPERSTRUCTURE: (59) SUPERSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: (52) CULVERT CONDITION (IF APPLICABLE): (58) NUMBER OF LANE SPANS BUILT: (58) TYPE MEMBRANE: (59) SUPERSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CULVERT CONDITION (IF APPLICABLE): (63) SUBSTRUCTURE: (64) SUBSTRUCTURE: (65) SUPERSTRUCTURE: (69) SUBSTRUCTURE: (69) SUBSTR	(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR: 2-	WAY TRAFFIC
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (44b) APPR SPAN MATERIAL: STEEL  (57) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED  (58) NUMBER OF MAIN SPANS: 2 (109) TYPE OF APPROACH SPANS: 2 (109) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: NONE B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE C) TYPE PROTECT	BRIDGE TYPE AND MATE	RIAL ———	(103) TEMPORARY BRIDGE: NOT	APPLICABLE
(44a) APPR SPAN MATERIAL: STEEL  (45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: 2 (707) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: MONOLITHIC CONCRETE B) TYPE MEMBRANE: C) TYPE PROTECTION: NONE C) TYPE PROTECTION: AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: (28) SUPERSTRUCTURE: (38) SUPERSTRUCTURE: (49) TOAL BRIDGE: (40) WEAR THE BRIDGE: (42) SERVICE ON BRIDGE: (42) SUBSTRUCTURE: (54) MAXIMUM SPAN LENGTH: (49) TOAL BRIDGE: (48) MAXIMUM SPAN LENGTH: (49) TOAL BRIDGE LENGTH: (50) LETS IDEWALK WIDTH: (50) RIGHT SIDEWALK WIDTH: (50) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE CURB TO CURB WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (42) DEGREES NO FLARE (55) MIN VERTICAL CLEARANCE OVER RD: (52) MIN VERTICAL CLEARANCE ON RIGHT: (54) VERT UNDERCLE: HIGHWAY BENEATH BRIDGE (554) MIN VERTICAL CLEARANCE: (554) MIN VERTICAL CLEARANCE: HIGHWAY BENEATH BRIDGE (555) MIN HORZ UNDERCLE AND CANATION: (69) SUPERSTRUCTURE: (69) SUPERSTRUCTURE: (69) SUPERSTRUCTURE: (69) SUPERSTRUCTURE: (70) SUBSTRUCTURE: (70) SUBSTRUCTURE: (70) SUBSTRUCTURE: (80) SUPERSTRUCTURE: (81) STREAM CHANNEL AND CHANNEL PROTECTION: N MEZICAL CLEAR CLEAR CHANNEL AND CHANNEL PROTECTION: N MEZICAL CLEAR CLEAR CLEAR CLEAR CLEAR CLEAR CHANNEL AND CHANNEL PROTECTION: N MEZICAL CLEAR			(110) NATIONAL TRUCK ROUTE: NOT ON TRU	CK NETWORK
(46) NUMBER OF APPROACH SPANS: (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: C) TYPE PROTECTION: NONE C) TYPE PROTECTION: NONE AGE AND SERVICE  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS REHABILITATED: NIA (106) YEAR THE BRIDGE WAS REHABILITATED: NIA (422) SERVICE ON BRIDGE: HIGHWAY (425) SURVICE ON BRIDGE: HIGHWAY (426) UNDER BRIDGE: BOBOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (500) LETT SIDEWALK WIDTH: (500) RIGHT SIDEWALK WIDTH: (500) RIGHT SIDEWALK WIDTH: (500) BRIDGE CURB TO CURB WIDTH: (51) BRIDGE OUT TO OUT WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (52) BRIDGE SKEW: 42 DEGREES NO FLARE (34) BRIDGE SKEW: 42 DEGREES (35) SUPERSTRUCTURE: (69) SUPERSTRUCTURE: (69) SUPERSTRUCTURE: (69) SUPERSTRUCTURE: (69) SUPERSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: N (62) CULVERT CONDITION (IF APPLICABLE): N  DESIGN LOAD AND WEIGHT POSTING (62) CULVERT CONDITION (IF APPLICABLE): N  DESIGN LOAD AND WEIGHT POSTING (62) CULVERT CONDITION (IF APPLICABLE): N  DESIGN LOAD AND WEIGHT POSTING (62) CULVERT CONDITION (IF APPLICABLE): N  DESIGN LOAD AND WEIGHT POSTING (62) CULVERT CONDITION (IF APPLICABLE): N  WEIGHT POSTING (20 AXLE VEHICLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN  (44) WT POSTING STATUS: OPEN  (44) WT POSTING CODE: (47) WT POSTING CODE: (48) POSTING CODE: (49) UNDERCLEARANCE RATING: (49) UNDERCLEARANCE RATING: (49) UNDERCLEARANCE RATING: (50) BRIDGE CHARE: NO FLARE (50) WINDERCLEARANCE ON ROADWAY (W/SHLDS) WIDTH: (51) BRIDGE CHARE: NO FLARE (52) BRIDGE CHARE: NO FLARE (53) BRIDGE REHABILITATION (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH POSTING (20 AXLE VEHICLES): ALL LEGAL LOADS (70) BRIDGE REHABILITATION: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGHMENT: (88) DECK GEOMETRY: (89) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGHMENT: (88) DECK GEOMETRY: (89) UNDERCLEARANCE R		10000		
(88) DECK: (58) DECK: (59) SUPERSTRUCTURE: (7) (7) YPE OF DECK: CONCRETE CAST-IN-PLACE (8) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: MONOLITHIC CONCRETE B) TYPE MEMBRANE: NONE (7) YPE MEMBRANE: NONE (7) YPE PROTECTION: NONE (7) YEAR THE BRIDGE WAS BUILT: 1963 (106) YEAR THE BRIDGE WAS REHABILITATED: NIA (42) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY (42b) UNDER BRIDGE: 113.8 FT (50a) REFT SIDEWALK WIDTH: 0.3 FT (50a) RIGHT SIDEWALK WIDTH: 0.3 FT (50b) BRIDGE CURB TO CURB WIDTH: 24.0 FT (50b) BRIDGE GEMEIN) (33) BRIDGE MEDIAN: NO MEDIAN (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 42 DEGREES (35b) BRIDGE FLARE: NO FLARE (80b) WIDTH CAST (80b) WIDTH SIDEWALK WIDTH: 0.3 FT (50b) RIGHT SIDEWALK WIDTH: 0.3 FT (50b)	(AE) NI IMPED OF MAIN SPANS	•	———— CONDITION RATINGS	
(70) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: B) TYPE MEMBRANE: C) TYPE PROTECTION: NONE C) TYPE MEMBRANE: C) TYPE MEMBRANE: NONE C) TYPE OF MORE MEMBRANE: NONE C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TO JUT WIDTH: C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TO JUT WIDTH: NONE C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TO JUT WIDTH: NONE C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TYPE OF MORE MEMBRANE: NO FLARE C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TYPE OF MORE MEMBRANE: NO FLARE C) TYPE OF MORE MEMBRANE: NO FLARE C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TYPE OF MORE MEMBRANE: NO FLARE C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TYPE OF MORE MEMBRANE: NO FLARE C) TYPE OF MORE MEMBRANE: NO MEDIAN C) TYPE OF MORE MEMBRANE: C) TYPE OF MORE MEMBRANE: C) TYPE OF MORE MEMBRANE: C)	` '		(58) DECK:	6
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: MONOLITHIC CONCRETE B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE C) TYPE PROTECTION: NONE AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: 1963 (106) YEAR THE BRIDGE WAS BUILT: 4(22) SERVICE ON BRIDGE: 4(28) SERVICE ON BRIDGE: 4(28) SUMBER OF LANES CARRIED BY BRIDGE: 2(28b) NUMBER OF LANES UNDER THE BRIDGE: 6(49) TOTAL BRIDGE LENGTH: 6(50) LEPT SIDEWALK WIDTH: 6(50) LEPT SIDEWALK WIDTH: 6(50) LEPT SIDEWALK WIDTH: 6(50) BRIDGE CURB TO CURB WIDTH: 27.9 FT 6(50) BRIDGE ELORGTH: 28.3 PAPPOACH ROADWAY (W. SHLDS) WIDTH: 24.0 FT 6(52) BRIDGE ELORGTH: 03.3 BRIDGE MEDIAN: 04.3 BRIDGE FLARE: NO FLARE (S3) BRIDGE FLARE: NO FLARE (S4) WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (2 ANLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (2 ANLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (2 ANLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (5 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (5 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (5 OR MORE AXLES): ALL LEGAL LOADS WEIGHT	` '	_	(59) SUPERSTRUCTURE:	7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE B) TYPE MEMBRANE: NOME C) TYPE MEMBRANE: NOME C) TYPE PROTECTION: NONE  AGE AND SERVICE  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: 1963 (106) YEAR THE BRIDGE WAS BUILT: 1963 (106) YEAR THE BRIDGE WAS REHABILITATED: NIA (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY (42b) UNDER BRIDGE: 113.8 FT (43b) NUMBER OF LANES CARRIED BY BRIDGE: 6 (48) MAXIMUM SPAN LENGTH: 113.8 FT (49) TOTAL BRIDGE LENGTH: 0.3 FT (50a) LEFT SIDEWALK WIDTH: 0.3 FT (50b) RIGHT SIDEWALK WIDTH: 0.3 FT (50b) BRIDGE CURB TO CURB WIDTH: 24.0 FT (51) BRIDGE CURB TO CURB WIDTH: 24.0 FT (52) BRIDGE MEDIAN: NO MEDIAN (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 42 DEGREES (520) MIN VERTICAL CLEARANCE ON ROADWAY: 28.0 FT (54a) VERT UNDERCLE: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLE ON RIGHT: 10.17 FT (56b) MIN VERTICAL UNDERCLER ON RIGHT: 10.17 FT (566) MIN VERTICAL UNDERCLER ON RIGHT: 10.17 FT (566) MIN HORZ UNDERCLER ON RIGHT: 10.17 FT (566) MIN HORZ UNDERCLER ON RIGHT: 10.17 FT (566) MIN HORZ UNDERCLER ON LEFT: 3.94 FT  NAVIGATION VERTICAL CLEARANCE: 16.01 FT (AB) NAV CONTROL: NO APPLICABLE (AB) NAV CONTROL: NO (AB) NAVIGATION VERTICAL CLEARANCE: NO (AB) NAV CONTROL: NO (AB)	` '		(60) SUBSTRUCTURE:	4
B) TYPE MEMBRANE: C) TYPE PROTECTION: NONE C) TYPE PROTECTION: C) BRIDGE CALL EVALUATION: C) TYPE POSTING (2 AXLE VEHICLES): CALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES: CALL LEGAL LOADS WEIGHT POSTING (2			(61) STREAM CHANNEL AND CHANNEL PROTECTION	l: <b>N</b>
C) TYPE PROTECTION:  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: (196) YEAR THE BRIDGE WAS BUILT: (28) SERVICE ON BRIDGE: (28) HIGHWAY (42a) SERVICE ON BRIDGE: (28) NUMBER OF LANES CARRIED BY BRIDGE: (28) NUMBER OF LANES UNDER THE BRIDGE: (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W SHLDS) WIDTH: (32) APPROACH ROADWAY (W SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (36) NO MEDIAN (37) MAISTRICH SINDEWALK WIDTH: (38) BRIDGE FLARE: (39) NO MEDIAN (39) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: (30) NAV CONTROL: (30) NAVIGATION VERTICAL CLEARANCE: (30) NAV CONTROL: (31) DESIGN LOADING: (WEIGHT POSTING (2 AXLE VEHICLES): (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (41)	•		(62) CULVERT CONDITION (IF APPLICABLE):	N
(27) YEAR THE BRIDGE WAS BUILT: 1963 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY (28b) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 (48) MAXIMUM SPAN LENGTH: 353.0 FT (49) TOTAL BRIDGE LENGTH: 353.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.3 FT (50b) RIGHT SIDEWALK WIDTH: 1.38 FT (501) BRIDGE CURB TO CURB WIDTH: 27.9 FT (52) BRIDGE CURB TO CURB WIDTH: 34.4 FT (32) APPROACH ROADWAY (W) SHLDS) WIDTH: 34.4 FT (32) APPROACH ROADWAY (W) SHLDS) WIDTH: 34.9 FT (33) BRIDGE SKEW: 42 DEGREES (S4) WIN VERTICAL CLEARANCE ON ROADWAY: 28.0 FT (544) VERT UNDERCLER: HIGHWAY BENEATH BRIDGE (S5) MIN VERTICAL UNDERCLER ON RIGHT: 10.17 FT (556) MIN VERTICAL UNDERCLER ON LIEFT: 3.94 FT  NAVIGATION DATA  NOT APPLICABLE  (31) DESIGN LOADING: WEIGCLES): MEIGHAY EVENTURE SCHING: (2 ALL LEGAL LOADS (70) BRIDGE CODE: (41) WT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE PAILES): (61) BRIDGE PAILES: (67) STRUCTURAL EVALUATION: 4  (67) STRUCTURAL EVALUATION: 4  (68) DECK GEOMETRY: 5  (69) UNDERCLEARANCE RATING: 4  (71) WATERWAY ADEQUACY: N  (69) UNDERCLEARANCE RATING: 4  (71) WATERWAY ADEQUACY: N  (88) DECK GEOMETRY: 5  (69) UNDERCLEARANCE RATING: 4  (71) WATERWAY ADEQUACY: N  (88) DECK GEOMETRY: 5  (69) UNDERCLEARANCE RATING: 4  (71) WATERWAY ADEQUACY: N  (88) DECK GEOMETRY: 5  (69) UNDERCLEARANCE RATING: 1  (81) BRIDGE CLEARANCE RATING: 1  (82) DAPROACH ROADWAY ALIGNMENT: 8  (83) TRAFFIC SAFETY FEATURES: 0000  (113) SCOUR CONDITION RATING: N  (124) BRIDGE IMPROVEMENT  (125) BRIDGE MEDIAN: NO RESTRICTION  (136) REPORT AND ALL LEGAL LOADS  (170) WATERWAY ADEQUACY: N  (171) WATERWAY ADEQUACY: N  (172) APPROACH ROADWAY ALIGNMENT: 8  (183) RECOMMENDED IMPROVEMENT  (172) APPROACH ROADWAY ALIGNMENT: 1  (183) SCOUR CONDITION RATING: N  (174) MATERWAY ADEQUACY: N  (185) REPORT AND ALL LEGAL LOADS  (175) TYPE OF WORK: BRIDGE IMPROVEMENT  (175) TYPE OF WORK: BRIDGE IMPROVEMENT  (175) TYPE OF WORK: BRIDGE IMPROVEMENT  (186) BRIDGE MPROVEMENT COST: \$2,110,000.00  (175) BRIDGE METAL	·		DESIGN LOAD AND WEIGHT POSTI	NG ——
VEAR THE BRIDGE WAS BUILT:   1963   (106) YEAR THE BRIDGE WAS REHABILITATED:   NIA (42a) SERVICE ON BRIDGE:   HIGHWAY (22b) UNDER BRIDGE:   HIGHWAY (22b) UNDER BRIDGE:   HIGHWAY (22b) UNDER BRIDGE:   HIGHWAY (22b) UNDER BRIDGE:   EVERY (22b) NUMBER OF LANES CARRIED BY BRIDGE:   2 (22b) NUMBER OF LANES UNDER THE BRIDGE:   6 (68) DECK GEOMETRY:   5 (69) UNDER CLEARANCE NOT LANES UNDER THE BRIDGE:   6 (68) DECK GEOMETRY:   5 (69) UNDER CLEARANCE RATING:   4 (68) DECK GEOMETRY:   5 (69) UNDER CLEARANCE RATING:   4 (71) WATERWAY ADEQUACY:   N (72) APPROACH ROADWAY ALIGNMENT:   8 (36) TRAFFIC SAFETY FEATURES:   00000 (113) SCOUR CONDITION RATING:   N (13) SCOUR CONDITION RATING:   N (13) SCOUR CONDITION RATING:   N (13) SRIDGE MEDIAN:   NO MEDIAN (34) BRIDGE SKEW:   42 DEGRESS (35) BRIDGE FLARE:   NO FLARE (520) MIN VERTICAL UNDERCLE ARANCE ON ROADWAY:   28.0 FT (524) VERT UNDERCLR:   HIGHWAY BENEATH BRIDGE (544) WIN HORZ UNDERCLR ON RIGHT:   10.17 FT (555) HORZ UNDERCLR:   HIGHWAY BENEATH BRIDGE (546) MIN HORZ UNDERCLR ON RIGHT:   10.17 FT (555) MIN HORZ UNDERCLR ON RIGHT:   10.17 FT (55	AGE AND SERVICE		(31) DESIGN LOADING:	PEDESTRIAN
(106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: (22c) WINDER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE ELARE: (35) BRIDGE FLARE: (35) BRIDGE FLARE: (36) MIN VERTICAL CLEARANCE ON ROADWAY: (37) MIN HORIZONTAL CLEARANCE ON RIGHT: (54) MIN VERTICAL UNDERCLER ON LEFT: (556) MIN HORZ UNDERCLE ON LEFT: (56) MIN HORZ UNDERCLE ON LEFT: (37) NAVIGATION DATA (38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: (30) DRIDGE ODE: (41) WT POSTING (3 ODE: (41) WT POSTING CODE: (42) WT POSTING (STATUS: (54) PENDICE FOR COMETY: (54) WT POSTING CODE: (55) MIN POSTING CODE: (54) WT POSTING CODE: (54) WT POSTING CODE: (55) MIN POST UNDERCER ON REFT: (54) WT POSTING CODE: (55) MIN POST UNDERCER ON REFT: (55) MIN POST UNDERCER ON REFT: (56) WIN POST UNDERCER ON REFT: (57) TYPE OF WORK: (68) DECK GEOMETRY: (72) APPROACH ROADWAY ALIGHMENT: (88) DECK GEOMETRY: (72) APPROACH ROADWAY ALIGHMENT: (88) DECK GEOMETRY: (72) APPROACH ROADWAY ALIGHMENT: (88) DECK GEOMETRY: (72) APPROACH ROADWAY ALIGHMENT: (89) DECK GEOMETRY: (72) APPROACH ROADWAY ALIGHMENT: (80) DECK GEOMETRY: (72) APPROACH ROADWAY ALIGHMENT: (83) DECK GEOMETRY: (84) D			WEIGHT POSTING (2 AXLE VEHICLES): ALL L	EGAL LOADS
(42a) SERVICE ON BRIDGE:   HIGHWAY   HIGHWAY   (2ba) NUMBER OF LANES CARRIED BY BRIDGE:   2   (2bb) NUMBER OF LANES UNDER THE BRIDGE:   6   (6b) DECK GEOMETRIC DATA   (6b) DECK GEOMETRY:   5   (7b) DECK GEOMETRY:   5			WEIGHT POSTING (3 OR MORE AXLES): ALL L	EGAL LOADS
(42b) UNDER BRIDGE:         HIGHWAY         (41) WT POSTING STATUS: OPEN           (28a) NUMBER OF LANES CARRIED BY BRIDGE:         2           (28b) NUMBER OF LANES UNDER THE BRIDGE:         6           (48) MAXIMUM SPAN LENGTH:         113.8 FT           (49) TOTAL BRIDGE LENGTH:         353.0 FT           (50a) LEFT SIDEWALK WIDTH:         0.3 FT           (50b) RIGHT SIDEWALK WIDTH:         0.3 FT           (50b) RIGHT SIDEWALK WIDTH:         0.3 FT           (52) BRIDGE CURB TO CURB WIDTH:         27.9 FT           (52) BRIDGE OUT TO OUT WIDTH:         38.4 FT           (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:         24.0 FT           (33) BRIDGE MEDIAN:         NO MEDIAN           (34) BRIDGE SKEW:         42 DEGREES           (35) BRIDGE FLARE:         NO FLARE           (36) MIN VERTICAL CLEARANCE OVER RD:         NO RESTRICTION           (52a) WIN VERT UNDERCLE:         HIGHWAY BENEATH BRIDGE           (54b) MIN VERTICAL UNDERCLEARANCE:         HIGHWAY BENEATH BRIDGE           (55b) MIN HORZ UNDERCLR:         HIGHWAY BENEATH BRIDGE           (55b) MIN HORZ UNDERCLR ON RIGHT:         3.9 4 FT           (56b) MIN HORZ UNDERCLR ON RIGHT:         3.9 4 FT           (55b) MIN HORZ UNDERCLR ON LEFT:         3.94 FT           (990) DATE OF LAST UNDERWATER I	•			5
APPRAISAL			• •	
Cabb   NUMBER OF LANES UNDER THE BRIDGE:   6   GFOMETRIC DATA	(28a) NUMBER OF LANES CARRIED BY BRIDG		APPRAISAL —	
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE MEDIAN: (35) BRIDGE FLARE: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY			(67) STRUCTURAL EVALUATION:	4
(49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (37) TRAFFIC SAFETY FEATURES: (38) TRAFFIC SAFETY FEATURES: (39) TRAFFIC SAFETY FEATURES: (30) TRAFFIC SAFETY FEATURES: (30) TRAFFIC SAFETY FEATURES: (30) TRAFFIC SAFETY FEATURES: (31) SCOUR CONDITION RATING: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (32) APPROACH ROADWAY ALIGNMENT: (35) BRIDGE CURB TO CURB WIDTH: (36) TRAFFIC SAFETY FEATURES: (37) APPROACH ROADWAY: (38) PAUSICE TO TO MAIN TARE TO THE TOTAL	GEOMETRIC DATA	\ <del></del>	• •	
(49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (34) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL UNDERCLER: (54a) VERT UNDERCLR: (55a) HORZ UNDERCLR ON RIGHT: (55a) HORZ UNDERCLR ON RIGHT: (55a) NAV CONTROL: (37) MATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (83) TRAFFIC SAFETY FEATURES: (90000 (113) SCOUR CONDITION RATING: N (75) TYPE OF WORK: (75) TYPE O	(48) MAXIMUM SPAN LENGTH:	113.8 FT		
(72) APPROACH ROADWAY ALIGNMENT: 8 (50a) LEFT SIDEWALK WIDTH: 0.3 FT (50b) RIGHT SIDEWALK WIDTH: 0.3 FT (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT (52) BRIDGE OUT TO OUT WIDTH: 38.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 42 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 16.01 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT (50a) NAVIGATION DATA (38) NAV CONTROL: NOTAPPLICABLE (39) NAVIGATION VERTICAL CLEARANCE: NOTAPPLICABLE (30) TRAFFIC SAFETY FEATURES: 00000 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS (175) TYPE OF WORK: BRIDGE REHABILITATION (175) TYPE OF WORK: BRIDGE REHABILITATION (176) LENGTH OF BRIDGE IMPROVEMENT: 353 FT (175) TYPE OF WORK: BRIDGE REHABILITATION (175) TYPE OF WORK: BRIDGE REHABILITATION (176) LENGTH OF BRIDGE IMPROVEMENT: S2,103,000.00 (176) RATION RATING: N  RECOMMENDED IMPROVEMENTS  (175) TYPE OF WORK: BRIDGE REHABILITATION (176) LENGTH OF BRIDGE IMPROVEMENT: S2,103,000.00 (176) ROADWAY IMPROVEMENT COST: \$2,103,000.00 (176) ROADWAY IMPROVEMENT COST: \$2,103,000.00 (177) YEAR OF IMPROVEMENT COST: \$2,103,000.00 (177) YEAR OF IMPROVEMENT COST: \$2,103,000.00 (176) ROADWAY IMPROVEMENT COST: \$2,103,000.00 (176) ROAD	` '		• •	
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(52) BRIDGE CURB NO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (52) APPROACH ROADWAY (W/ SHLDS) WIDTH: (53) APPROACH ROADWAY (W/ SHLDS) WIDTH: (54) BRIDGE MEDIAN: (54) BRIDGE MEDIAN: (55) BRIDGE MEDIAN: (56) BRIDGE SKEW: (57) TYPE OF WORK: (58) BRIDGE IMPROVEMENT: (58) BRIDGE IMPROVEMENT: (58) BRIDGE FLARE: (58) BRIDGE FLARE: (58) BRIDGE FLARE: (58) MIN VERTICAL CLEARANCE OVER RD: (59) MIN VERTICAL CLEARANCE ON ROADWAY: (50) MIN VERTICAL UNDERCLR: (50) MIN VERTICAL UNDERCLEARANCE: (50) MIN VERTICAL UNDERCLEARANCE: (50) MIN VERTICAL UNDERCLEARANCE: (50) MIN VERTICAL UNDERCLEARANCE: (50) MIN HORZ UNDERCLR: (50) MIN HORZ UNDERCLR: (50) MIN HORZ UNDERCLR ON RIGHT: (50) MIN HORZ UNDERCLR ON LEFT: (50) MIN HORZ UNDERCLR ON RIGHT: (50) MIN HORZ UNDERCLR ON RIGHT: (50) MIN HORZ UNDERCLR ON RIGHT:	(50b) RIGHT SIDEWALK WIDTH:	0.3 FT		
(32) APPROACH ROADWAY (W/SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (36) MIN VERTICAL CLEARANCE OVER RD: (36) MIN VERTICAL UNDERCLR: (37) MIN VERTICAL UNDERCLR: (38) MIN VERTICAL UNDERCLR: (38) HORZ UNDERCLR: (39) MIN HORZ UNDERCLR: (30) MIN HORZ UNDERCLR: (30) MIN HORZ UNDERCLR: (31) MIN HORZ UNDERCLR: (32) APPROACH ROADWAY (W/SHLDS) WIDTH: (32) TYPE OF WORK: (31) BRIDGE REHABILITATION (32) BRIDGE IMPROVEMENT: (34) BRIDGE IMPROVEMENT COST: (35) BRIDGE IMPROVEMENT COST: (36) BRIDGE IMPROVEMENT COST: (37) TYPE OF WORK: (38) BRIDGE REHABILITATION (38) NAV CONTROL: (39) NAVIGATION DATA (38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: (30) TOTAL PROJECT COST: (30) TOTAL PROJECT COST: (30) BRIDGE IMPROVEMENT COST: (34) BRIDGE IMPROVEMENT COST: (35) TYPE OF WORK: (36) BRIDGE IMPROVEMENT: (37) TYPE OF WORK: (38) BRIDGE IMPROVEMENT: (39) BRIDGE IMPROVEMENT COST: (30) BRIDGE IMPROVEMENT: (30) BRIDGE IMPROVEMENT: (30) DATE OF LAST REGULAR INSPECTION: (30) DATE OF LAST UNDERWATER INSP (MO/YR): (30) DATE OF LAST UNDERWATER INSP FREQUENCY (MONTHS): (31) NAVIGATION VERTICAL CLEARANCE: (32) BRIDGE IMPROVEMENT: (34) BRIDGE IMPROVEMENT: (35) BRIDGE IMPROVEMENT: (36) BRIDGE IMPROVEMENT: (37) TYPE OF WORK: (36) BRIDGE IMPROVEMENT: (37) TYPE OF WORK: (38) BRIDGE IMPROVEMENT: (39) DATE OF LAST UNDERWATER INSP FREQUENCY (MONTHS): (30) DATE OF SPECIAL INSPECTION (MO/YR): (30) DATE OF SPECIAL INSPECTION (MO/YR): (30) DATE OF SPECIAL INSPECTION (MO/YR): (31) NAVIGATION VERTICAL CLEARANCE: (31) NAVIGATION OF THE ACTUAL	(51) BRIDGE CURB TO CURB WIDTH:	27.9 FT		
(33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (56b) MIN HORZ UNDERCLR: (57b) MIN HORZ UNDERCLR: (57c) MIN HORZ UNDERCLR: (77c) LENGTH OF BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COS	(52) BRIDGE OUT TO OUT WIDTH:	38.4 FT		s <del></del>
(34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (38) NAVIGATION DATA (38) NAV CONTROL: (34) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (98) DATE OF LAST REGULAR INSPECTION: (99) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (91) REGULAR INSPECTION FREQUENCY (MONTHS): (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92c) SPECIAL INSPECTION (MO/YR): (93c) DATE OF SPECIAL INSPECTION (MO/YR): (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST: (97) YEAR OF IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST: (97) YEAR OF IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST: (97) YEAR OF IM	(32) APPROACH ROADWAY (W/ SHLDS) WIDT	TH: <b>24.0 FT</b>		
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(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 16.01 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT (56) MIN HORZ UNDERCLR ON LEFT: 3.94 FT (38) NAV CONTROL: NOT APPLICABLE (39) NAVIGATION VERTICAL CLEARANCE: N/A (96) TOTAL PROJECT COST: \$3,155,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 (99) DATE OF LAST REGULAR INSPECTION: 10/11/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): N	,	42 DEGREES	• •	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 16.01 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT (56) MIN HORZ UNDERCLR ON LEFT: 3.94 FT NAVIGATION DATA (38) NAV CONTROL: NOT APPLICABLE (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 (99) DATE OF LAST REGULAR INSPECTION: 10/11/2018 (99) DATE OF LAST REGULAR INSPECTION: 10/11/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (92c) SPECIAL INSP FREQUENCY (MONTHS): N (92c) SPECIAL INSP FREQUENCY (MONTHS): N	` '		• •	
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 16.01 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT (56) MIN HORZ UNDERCLR ON LEFT: 3.94 FT (75b) MIN HORZ UNDERCLR ON LEFT: 3.94 FT (75c) MAVIGATION DATA (75c) NAVIGATION DATA (75c) NAVIGATION VERTICAL CLEARANCE: N/A				
(54b) MIN VERTICAL UNDERCLEARANCE: 16.01 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT (93b) DATE OF LAST REGULAR INSPECTION: 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (93c) NAVIGATION VERTICAL CLEARANCE: N/A			• •	2010
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT (56) MIN HORZ UNDERCLR ON LEFT: 3.94 FT NAVIGATION DATA (38) NAV CONTROL: NOT APPLICABLE (39) NAVIGATION VERTICAL CLEARANCE: N/A (91) REGULAR INSPECTION FREQUENCY (MONTHS): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): N/A	•			40/44/0040
(55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:  NAVIGATION DATA  (38) NAV CONTROL:  (39) NAVIGATION VERTICAL CLEARANCE:  10.17 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR):  (92b) UNDERWATER INSP FREQUENCY (MONTHS):  N/A  (92c) SPECIAL INSP FREQUENCY (MONTHS):  N  (93c) NAVIGATION VERTICAL CLEARANCE:  N/A	•		,	
(56) MIN HORZ UNDERCLR ON LEFT:  NAVIGATION DATA  (38) NAV CONTROL:  (39) NAVIGATION VERTICAL CLEARANCE:  NA  (92b) UNDERWATER INSP FREQUENCY (MONTHS):  (92c) DATE OF SPECIAL INSP FREQUENCY (MONTHS):  N  (92c) SPECIAL INSP FREQUENCY (MONTHS):  N	•			
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(38) NAV CONTROL: NOT APPLICABLE (92c) SPECIAL INSP FREQUENCY (MONTHS): N (39) NAVIGATION VERTICAL CLEARANCE: N/A				
(39) NAVIGATION VERTICAL CLEARANCE: N/A			` '	
	` '			

N/A

N/A

PUBLICATION DATE 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

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N/A

2/21/2019

24

N/A

N/A

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111N

HS-20-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 33SR1110011 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 0D546 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: HENDON RD. COUNTY SEQUENCE: 2 CROSSING: JONES GAP RD. / SR 111 LOG MILE: 3.09 LOCATION: 1.4 MI E OF SEQUATCHIE CO SUFFICIENCY RATING: 93.6 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.34437 DEGREES (17a,b) LONGITUDE: 85.18325 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **LOCAL RURAL ROAD** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE CONTINUOUS NATIONAL REGISTER (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 2005 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 2 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 89.2 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 306.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 34.1 FT RECOMMENDED IMPROVEMENTS 36.1 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 9 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 65.4 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 17.78 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 11.15 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 6.23 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 33SR1110001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: YOUNG RD.

CROSSING: YOUNG RD. / SR 111 LOCATION: 6.45 MI. W OF SR-29 JCT.

COUNTY: HAMILTON ROUTE: 0D754 SPECIAL CASE: 0

LOG MILE: 0.11 SUFFICIENCY RATING: 92.6

IDENTIFICATI	ION			CLASS
(16a,b) LATITUDE:	N	35.34035	<b>DEGREES</b>	(112) MEETS NBIS BRIDGE LE
(17a,b) LONGITUDE:	W	85.21645	DEGREES	(104) NATIONAL HIGHWAY SY
(98a) BORDER BRIDGE STATE CODE:			N/A	(26) FUNCTIONAL CLASS:

2

2

(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:

(46) NUMBER OF APPROACH SPANS: n

(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE:

B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

### AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1993 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

## GEOMETRIC DATA

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(48) MAXIMUM SPAN LENGTH: 136.2 FT (49) TOTAL BRIDGE LENGTH: 273.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 29.9 FT 32.2 FT (52) BRIDGE OUT TO OUT WIDTH: (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: 30.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 15.68 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 58.07 FT

(56) MIN HORZ UNDERCLR ON LEFT: 6.56 FT

#### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A N/A

(116) LIFT BRIDGE VERT CLEARANCE: (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

# SIFICATION -

COUNTY SEQUENCE: 1

ENGTH: YES YSTEM: **NOT A NHS ROUTE LOCAL RURAL ROAD** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE

NATIONAL REGISTER

#### **CONDITION RATINGS**

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

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 7 (69) UNDERCLEARANCE RATING: 7 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 2/21/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 2.30

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

BRIDGE ID NUMBER: 33100240001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: I-24

CROSSING: BLACK CR & CUMMINGS RD

LOCATION: 2.3 MI E OF GA STATE LINE	SUFFICIENCY RATING: 86.6
IDENTIFICATION —	CLASSIFICATION ————
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER:  BRIDGE TYPE AND MATERIAL  (43a) MAIN SPAN MATERIAL: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: (101) PARALLEL BRIDGE: (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROUTE: (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 4	CONDITION RATINGS
(46) NUMBER 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: UNKNOWN	(58) DECK: (59) SUPERSTRUCTURE: (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CULVERT CONDITION (IF APPLICABLE):  DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1964 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY-WATERWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS ALL LEGAL LOADS (70) BRIDGE POSTING CODE: 5 (41) WT POSTING STATUS: OPEN APPRAISAL
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 6
(48) MAXIMUM SPAN LENGTH: 44.0 FT	(69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: 8
(49) TOTAL BRIDGE LENGTH: 151.9 FT	(72) APPROACH ROADWAY ALIGNMENT:
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 100N
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: 8
(51) BRIDGE CURB TO CURB WIDTH: 38.1 FT (52) BRIDGE OUT TO OUT WIDTH: 44.6 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: OPEN 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: 38.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	(75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 14.01 FT	(90) DATE OF LAST REGULAR INSPECTION: 8/6/2018
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 5.91 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
(38) NAV CONTROL: NO NAVIGATION CONTROL	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33100240002

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: I-24

CROSSING: BLACK CR & CUMMINGS RD LOCATION: 2.3 MI E OF GA STATE LINE

OF TRANSPORTATION

COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 2.30

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 86.9

LOCATION. 2.3 WILE OF GASTATE LINE	SUFFICIENCY RATING. 00.9
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.01153 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.38958 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: <b>NOT APPLICABLE</b>
(43a) MAIN SPAN MATERIAL: CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(AE) NILIMPED OF MAIN CDANC.	———— CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:  (46) NUMBER OF APPROACH SPANS:  0	(58) DECK: 7
(46) NUMBER OF APPROACH SPANS: 0 (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF BECK. CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE:  ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: UNKNOWN	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BOILT: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY-WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: 6
(48) MAXIMUM SPAN LENGTH: 44.0 FT	(69) UNDERCLEARANCE RATING: 4
(49) TOTAL BRIDGE LENGTH: 151.9 FT	(71) WATERWAY ADEQUACY: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1001
(51) BRIDGE CURB TO CURB WIDTH: 38.1 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 44.6 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 13 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 38.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 14.01 FT	(90) DATE OF LAST REGULAR INSPECTION: 8/6/2018
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 6.89 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NO NAVIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 2.90

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

BRIDGE ID NUMBER: 33100240004

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24 CROSSING: SR 2

LOCATION: 2.9 MI E OF GA STATE LINE	SUFFICIENCY RATING: 74.8		
IDENTIFICATION —			
(16a,b) LATITUDE:         N         35.01853         DEGREES           (17a,b) LONGITUDE:         W         85.38360         DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE		
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE		
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE		
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC		
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE		
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK		
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED		
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS		
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>7</b>		
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 5		
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 6		
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N		
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N		
C) TYPE PROTECTION: UNKNOWN	—— DESIGN LOAD AND WEIGHT POSTING ———		
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44		
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS		
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS		
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5		
	(41) WT POSTING STATUS: <b>OPEN</b>		
(42b) UNDER BRIDGE: HIGHWAY			
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL		
,	(67) STRUCTURAL EVALUATION: 5		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 5		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 4	(67) STRUCTURAL EVALUATION:5(68) DECK GEOMETRY:5(69) UNDERCLEARANCE RATING:5		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>N</li> </ul>		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 56.1 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>(72) APPROACH ROADWAY ALIGNMENT:</li> <li>8</li> </ul>		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>(72) APPROACH ROADWAY ALIGNMENT:</li> <li>(36) TRAFFIC SAFETY FEATURES:</li> <li>1001</li> </ul>		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 36.1 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>(72) APPROACH ROADWAY ALIGNMENT:</li> <li>(36) TRAFFIC SAFETY FEATURES:</li> <li>(113) SCOUR CONDITION RATING:</li> <li>N</li> </ul>		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 36.1 FT (52) BRIDGE OUT TO OUT WIDTH: 44 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 44 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  DEBRIDGE:  4  4  COPEN MEDIAN	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (1001  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  178.1 FT		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: OPEN MEDIAN (34) BRIDGE SKEW:  24  44  COPEN MEDIAN 25  COPEN MEDIAN COPEN MED	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       5         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       178.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,179,000.00		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  DEBRIDGE:  2  44  FT  OPEN MEDIAN 24 DEGREES NO FLARE	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       5         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       178.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,179,000.00		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  0 26.1 FT 44 FT 42.0 FT  OPEN MEDIAN 24 DEGREES NO FLARE	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       5         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       178.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,179,000.00         (95) ROADWAY IMPROVEMENT COST:       \$118,000.00		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  0 0 FT 0 0	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       5         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       178.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,179,000.00         (95) ROADWAY IMPROVEMENT COST:       \$118,000.00         (96) TOTAL PROJECT COST:       \$1,769,000.00		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: OPEN MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       5         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       178.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,179,000.00         (95) ROADWAY IMPROVEMENT COST:       \$118,000.00         (96) TOTAL PROJECT COST:       \$1,769,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2019		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 5 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1001 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 178.1 FT (94) BRIDGE IMPROVEMENT COST: \$1,179,000.00 (95) ROADWAY IMPROVEMENT COST: \$1,179,000.00 (96) TOTAL PROJECT COST: \$1,769,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE SKEW: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR:  8.86 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): NA		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: OPEN MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1001 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54a) VERT UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (48) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (57)	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1001 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): (NA		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (42  CENTRAL A  S6.1 FT  178.1 FT  17	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1001 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N		

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 2.90

BRIDGE ID NUMBER: 33100240003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24 CROSSING: SR 2

LOCATION: 2.9 MI E OF GA STATE LINE

## SUFFICIENCY RATING: 75.9

COUNTY SEQUENCE: 2

SPECIAL CASE: 0

EGGATION. 2.3 MILE OF GAGTATE LINE	GOLLIGIENOL IVALING. 19.9
IDENTIFICATION	CLASSIFICATION —
(16a,b) LATITUDE: N 35.01842 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.38328 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>STEEL CONTINUOUS</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(AE) NI IMPER OF MAIN SPANS:	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:  (46) NUMBER OF APPROACH SPANS:  0	(58) DECK: <b>6</b>
(46) NUMBER OF APPROACH SPANS: 0 (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 5
(108) TYPE OF BECK. CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE:  ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: UNKNOWN	DESIGN LOAD AND WEIGHT POSTING
	(31) DESIGN LOADING: HS-20-44
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: HIGHWAY	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	(67) STRUCTURAL EVALUATION: 5
(28b) NUMBER OF LANES UNDER THE BRIDGE: 4	(68) DECK GEOMETRY: 6
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING: 5
(48) MAXIMUM SPAN LENGTH: 56.1 FT	(71) WATERWAY ADEQUACY:
(49) TOTAL BRIDGE LENGTH: 178.1 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1001
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: N
(51) BRIDGE CURB TO CURB WIDTH: 38.1 FT	RECOMMENDED IMPROVEMENTS —
(52) BRIDGE OUT TO OUT WIDTH: 44.9 FT	(75) TYPE OF WORK: NOT APPLICABLE
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(33) BRIDGE MEDIAN: OPEN MEDIAN	(94) BRIDGE IMPROVEMENT COST:
(34) BRIDGE SKEW: 24 DEGREES	(95) ROADWAY IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE	(96) TOTAL PROJECT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT	INSPECTION DATES
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	
(54b) MIN VERTICAL UNDERCLEARANCE: 14.76 FT	(90) DATE OF LAST REGULAR INSPECTION: 8/7/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	
(55b) MIN HORZ UNDERCLR ON RIGHT: 8.86 FT (56) MIN HORZ UNDERCLR ON LEFT: 4.92 FT	
(38) NAV CONTROL: NOT APPLICABLE	(93c) DATE OF SPECIAL INSPECTION (MO/YR):  NA  (92c) SPECIAL INSP FREQUENCY (MONTHS):  N
(39) NAVIGATION VERTICAL CLEARANCE: N/A	(SES) S. LOWE MOI THE GOLDON (MONTHO).
(39) NAVIGATION VERTICAL CLEARANCE. N/A	PRODUCED PURSUANT TO

N/A

N/A

PUBLICATION DATE 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 3.57

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33100240005

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: I-24

CROSSING: KELLEY'S FERRY RD (C037)

LOCATION: 8 MI N OF TIFTONIA

# SUFFICIENCY RATING: 83.6

COUNTY SEQUENCE: 2

LOCATION: 8 MI N OF TIFTONIA	SUFFICIENCY RATING: 83.6
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.02485 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.37498 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>STEEL</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 3	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>6</b>
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 6
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE:  ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: UNKNOWN	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BOILT.  (106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 6
	(69) UNDERCLEARANCE RATING: 3
	(71) WATERWAY ADEQUACY: N
(49) TOTAL BRIDGE LENGTH: 116.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 000N
(51) BRIDGE CURB TO CURB WIDTH: 38.1 FT	(113) SCOUR CONDITION RATING: N
(52) BRIDGE OUT TO OUT WIDTH: 44.6 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: CLOSED MEDIAN - NO BARRIER	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 68 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 14.7 FT	(90) DATE OF LAST REGULAR INSPECTION: 8/16/2018
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 2.95 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N
(00) 1111/1017/0111/1507/011 01 51011/05	

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 3.57

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

BRIDGE ID NUMBER: 33100240006

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: I-24

CROSSING: KELLEY'S FERRY RD (C037)

CLASSIFICATION	LOCATION: 8 MI. N. OF TIFTONIA	SUFFICIENCY RATING: 74.1
(16a,b) LATITUDE:	IDENTIFICATION —	CLASSIFICATION —
(194) NATIONAL HIGHWAY SYSTEM: NIS ROUTE   (198) BORDER BRIDGE STATE CODE: NA   (198) BORDER BRIDGE STATE CODE: NOT APPLICABLE   (199) BORDER BRIDGE NUMBER: NOT APPLICABLE   (199) BORDER BRIDGE STATE CODE: NOT APPLICABLE   (190) NATIONAL FIGURE NOT APPLICABLE   (190)		
6881 BORDER BRIIDGE STATE CODE:		
688) PERCENT SHARE:   NOT APPLICABLE		
BRIDGE TYPE AND MATERIAL  (33) MAIN SPAN MATERIAL: STEEL  (44a) APPR SPAN MATERIAL: NOT APPLICABLE  (45) NUMBER OF MAIN SPANS:  (45) NUMBER OF APPROACH SPANS:  (46) NUMBER OF PAPROACH SPANS:  (46) NUMBER OF SURFACE: ASST-IN-PLACE  (18) TYPE OF WEARING SURFACE AND DECK PROTECTION:  A) TYPE OF WEARING SURFACE AND DECK PROTECTION:  D) TYPE MEMBRANE:  NONE  C) TYPE PROTECTION:  UNKNOWN  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS REHABILITATED:  (42a) SERVICE ON BRIDGE:  (42b) NUMBER OF LANES UNDER THE BRIDGE:  (22) SERVICE ON BRIDGE:  (42b) NUMBER OF LANES UNDER THE BRIDGE:  (22) (28b) NUMBER OF LANES UNDER THE BRIDGE:  (22) (28b) NUMBER OF LANES UNDER THE BRIDGE:  (24) SERVICE ON BRIDGE:  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (40) PROTECTION:  (50) RIGHT SIGWALK WIDTH:  (50) RIGHT POSTING CODE:  (7) YEAR THE BRIDGE LENGTH:  (7) WATERWAY ADEQUACY:  (8) DECK GEOMETRIC  (8) UNDER CLEARANCE RATING:  (8) TAFFIC SAFETY FEATURES:  (101) WATERWAY ADEQUACY:  (7) WATERWAY ADEQUACY:  (7) WATERWAY ADEQUACY:  (7) TYPE OF WORK:  BRIDGE REHABILITATION  (7) WATERWAY ADEQUACY:  (7) YEAR OF MARINEL PROTECTION:  (8) DECK GEOMETRIC:  (8) DROWN BRIDGE:  (1) WATERWAY ADEQUACY:  (8) DROWN BRIDGE:  (8) DROWN BRIDGE:  (9) UNDER CLEARANCE RATING:  (1) WATERWAY ADEQUACY:  (2) APPROACH ROADWAY WISHLDS) WIDTH:  (4) FTO TYPE OF WORK:  (3) BRIDGE MEDIAN:  (4) BRIDGE MEDIAN:  (5) ROADWAY I		(101) PARALLEL BRIDGE: LEFT LANE BRIDGE
(43a) MAIN SPAN MATERIAL: STEEL (44a) APPR SPAN MATERIAL: NOT APPLICABLE  (45) NUMBER OF MAIN SPANS: (46) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: (46) NUMBER OF APPROACH SPANS: (47) 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: UNKNOWN AGE AND SERVICE (77) YEAR THE BRIDGE WAS REHABILITATED: NIC (42a) SERVICE ON BRIDGE: HIGHWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2 (28b) SIGHT SIDEWALK WIDTH: (49) TOTAL BRIDGE LENGTH: (49) TOTAL BRIDGE LENGTH: (50) LEFT SIDEWALK WIDTH: (50) BRIDGE CURB TO CURB WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE CURD TO CURB WIDTH: (53) BRIDGE CURD TO CURB WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) SOERBES NO FLARE (36) MIN VERTICAL CLEARANCE OVER RD: (37) MIN ORIZONTAL CLEARANCE OVER RD: (38) BRIDGE MEDIAN: (39) UNDERCLERATING: (41) WAT POSTING CODE: (48) MAXIMUM SPAN LENGTH: (54) WINTER CONDITION RATINGS (58) DECK. (59) SUPERSTRUCTURE: (69) SUPERSTRUCTURE	(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
(43a) MAIN SPAN MATERIAL: STEEL (44a) APPR SPAN MATERIAL: NOT APPLICABLE  (45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: SUBFRACE: NONE C) TYPE PROTECTION: UNKNOWN  (77) YEAR THE BRIDGE WAS BUILT: (146) YEAR THE BRIDGE WAS REHABILITATED: NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES CARRIED BY BRIDGE: (37) YEAR THE BRIDGE CURB TO CURB WIDTH: (49) TOTAL BRIDGE LENGTH: (50) LIGHT SIDEWALK WIDTH: (50) RIGHT SIDEWALK WIDTH: (51) BRIDGE OUT TO OUT WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (53) BRIDGE OUT TO OUT WIDTH: (54) BRIDGE OUT TO OUT WIDTH: (54) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE CURB TO CURB WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE HLARE: (36) MIN VERTICAL CLASS: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL CLASS: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLER HIGHWAY BENEATH BRIDGE (55c) MIN HORZ UNDERCLER HIGHWAY BENEATH BRIDGE (55d) MIN HORZ UNDERCLER NO LEFT: NOT APPLICABLE (75d) MIN HORZ UNDERCLER ON LEFT: NOT APPLICABLE (75d) WIN PROTECTION (MONTHS): NA (75d) ADDITION RATINGS (75d) ADDITI	BRINGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(44) APPR SPAN MATERIAL: NOT APPLICABLE  (45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: 3 (58) DECK: (59) SUPERSTRUCTURE: 6 (60) SUBSTRUCTURE: 6 (60) SU		(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
45) NUMBER OF MAIN SPANS:   3   460 NUMBER OF APPROACH SPANS:   0   1071 TYPE OF DECK:   CONCRETE CAST-IN-PLACE   (59) SUPERSTRUCTURE:   6   (59) SUBTRUCTURE:   6   (59) SUPERSTRUCTURE:   5   (59) SUPERSTRUCT		(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: (108) TYPE OF EDCK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (109) TYPE OF SURFACE: (108) TYPE OF SURFACE: (108) TYPE MEMBRANE: (109) TYPE MEMBRANE: (109) TYPE PROTECTION: (107) TYPE PROTECTION: (107) TYPE PROTECTION: (108) TYPE MEMBRANE: (109) TYPE PROTECTION: (109) TYPE PROTECTION: (109) TYPE PROTECTION: (100) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (108) YEAR THE BRIDGE WAS REHABILITATED: (109) WINDER OF LANES UNDER THE BRIDGE: (109) WINDER OF LANES	(44a) AFFIX SFAN MATERIAL. NOT AFFLICABLE	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLAGE (108) TYPE OF BURFACE: ASPHALT A) TYPE OF SURFACE: ASPHALT B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: UNKNOWN  AGE AND SERVICE  (108) YEAR THE BRIDGE WAS REHABILITATED: NIA (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY (42b) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2 (38) MAXIMUM SPAN LENGTH: 116.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 38.1 FT (52) BRIDGE CURB TO CURB WIDTH: 38.1 FT (52) BRIDGE CURB TO CURB WIDTH: 44.6 FT (52) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (52) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (52) MIN VERTICAL CLEARANCE OVER RD. NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE OVER RD. NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE: HIGHWAY SENEATH BRIDGE (55b) MIN HORZ UNDERCLE: HIGHWAY SENEATH BRIDGE (55b) MIN HORZ UNDERCLER ON RIGHT: 3.94 FT (566) MIN HORZ UNDERCLER ON RIGHT: NOT APPLICABLE  (567) STRUCTURE: (69) SUBSTRUCTURE: (69) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHAN	(45) NUMBER OF MAIN SPANS: 3	CONDITION RATINGS
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: ASPHALT B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: UNKNOWN  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: NIA (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: (28b) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES CARRIED BY BRIDGE: (48) MAXIMUM SPAN LENGTH: (50a) LEFT SIDEWALK WIDTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE GOUT TO OUT WIDTH: (52) APPROACH ROADWAY (W/SHLDS) WIDTH: (52) APPROACH ROADWAY (W/SHLDS) WIDTH: (52) APPROACH ROADWAY (W/SHLDS) WIDTH: (52) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO FLARE (550) MIN HORZ UNDERCLE: HIGHWAY BENEATH BRIDGE (550) MIN HORZ UNDERCLE: HIGHWAY BENEATH BRIDGE (560) MIN HORZ UNDERCLER ON ROADWAY (75) MIN HORZ UNDERCLER: HIGHWAY BENEATH BRIDGE (560) MIN HORZ UNDERCLER ON ROADWAY (75) MIN HORZ UNDERCLER ON RIGHT: (75) REGULAR INSPECTION (MONTHS): (75) TYPE OF WORK: (75) TYPE OF WORK: (75) TYPE OF WORK: (76) DATE OF LAST REQULAR INSPECTION: (77) YEAR OF IMPROVEMENT COST: (78) PROACH ROADWAY (MONTHS): (79) MAYIGATION DATA (80) SUBSTRUCTURE: (81) STREAM CHANNEL AND CHANNEL PROTECTION: N (82) CULVERT CONDITION (IF APPLICABLE): N DESIGN LOAD AND WEIGHT POSTING (82) CULVERT COORDITION (IF APPLICABLE): N ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (2 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (2 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (2 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (2 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (2 OR MORE AXLES): ALL LEGAL LOADS WEIGHT POSTING (2 OR MORE AXLES): ALL L	(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 5
A) TYPE OF SURFACE: B) TYPE MEMBRANE: C) TYPE PROTECTION: UNKNOWN  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS REHABILITATED: (106) YEAR THE BRIDGE WAS REHABILITATED: (28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: (29c) LEFT SIDEWALK WIDTH: (50a) LEFT SIDEWALK WIDTH: (515) BRIDGE CURB TO CUTB WIDTH: (52) BRIDGE WORD TO UNIVOTH: (33) BRIDGE DOUT TO OUT WIDTH: (34) BRIDGE MEDIAN: (35) BRIDGE MEDIAN: (36) SERVICE ON BRIDGE: (37) STRUCTURAL EVALUATION: (38) PROACH ROADWAY (WI SHLDS) WIDTH: (39) APPROACH ROADWAY (WI SHLDS) WIDTH: (30) APPROACH ROADWAY (WI SHLDS) WIDTH: (31) BRIDGE MEDIAN: (32) APPROACH ROADWAY (WI SHLDS) WIDTH: (33) BRIDGE FLARE: (34) BRIDGE FLARE: (35) MIN HORZ UNDERCLE: (35) MIN HORZ UNDERCLE: (36) MIN HORZ UNDERCLE: (37) BRIDGE LAST ING: (38) MIN HORZ UNDERCLE: (39) UNDERCLEARANCE ON RIGHT: (39) DATE OF LAST REQULAR INSPECTION (MO/YR): (39) UNDERCUARY INSPECTION (MO/YR): (39) DATE OF SPECIAL INSPECTION (MO/YR): (30) DATE OF SPECIAL INSPECTION (MO/YR): (30) DATE OF SPECIAL INSPECTION (MO/YR): (31) DATE OF SPECIAL INSPECTION (MO/YR): (32) APPROACH (MOYR): (33) BRIDGE POSTING (2) AVE CHICLES): (34) WEIGHT POSTING (2) AVE CHICLES): (35) MIN HORZ UNDERCLE: (34) WEIGHT POSTING (2) AVE CHICLES): (35) MIN HORZ UNDERCLE R. HIGHWAY BENEATH BRIDGE (36) UNDERCLEARANCE ON LEFT: (37) WAS AVER UNDERCLE: (38) UNDERCLAR INSPECTION (MO/YR): (39) DATE OF SPECIAL INSPECTION (MO/YR): (39) DATE OF SPECIAL INSPECTION (MO/YR): (30) DATE OF SPECIAL INSPECTION (MO/YR): (31) DATE OF SPECIAL INSPECTION (MO/YR): (32) DATE OF SPECIAL INSPECTION (MO/YR): (33) DATE OF SPECIAL INSPECTION (MO/YR): (34) BRIDGE LAST UNDERCLE ON LEFT: (35) DATE OF SPECIAL INSPECTION (MO/YR): (36) DATE OF SPECIAL INSPECTION (MO/YR): (37) DATE OF SPECIAL INSPECTION (MO/YR): (38) DATE OF SPECIAL INSPECTION (MO/YR): (39)	(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	
B) TYPE MEMBRANE:   NOME   C) TYPE PROTECTION:   UNKNOWN   C) TYPE PROTECTION:   UNKNOWN   C(7) YEAR THE BRIDGE WAS BUILT:   1964   (42a) SERVICE   MIGHWAY (42b) UNDER BRIDGE:   HIGHWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE:   2 (40) UNDER BRIDGE:	(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	` '
DESIGN LOAD AND WEIGHT POSTING  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (A2a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: (28b) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (49) TOTAL BRIDGE LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (50c) BRIDGE OUTD TO OUT WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUTD TO OUT WIDTH: (52) BRIDGE MEDIAN: (53) BRIDGE MEDIAN: (54) VERDIAN: (54) VERDIAN: (54) VERT UNDERCLE RARNCE ON ROADWAY; (54a) VERT UNDERCLE: HIGHWAY BENEATH BRIDGE (54a) VERT UNDERCLE: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLE ON RIGHT: NAVIGATION DATA  DESIGN LOAD AND WEIGHT POSTING (31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (47) BRIDGE POSTING CODE: (41) WT POSTING CODE: (41) WT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (67) BRIDGE POSTING CODE: (47) WIT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (67) BRIDGE POSTING CODE: (47) WIT POSTING CODE: (47) WIT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (67) BRIDGE POSTING CODE: (47) WIT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (67) BRIDGE POSTING CODE: (47) WIT POSTING CODE: (47) WIT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (67) BRIDGE POSTING CODE: (47) WIT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (67) BRIDGE POSTING CODE: (56) BRIDGE POSTING CODE: (56) WIN POSTING CODE: (57) BRIDGE POSTING CODE: (56) WIN POSTING CODE: (57) BRIDGE POSTING CODE: (56) WIN POSTING CODE: (57) BRIDGE POSTING CODE: (57) BRIDGE POSTING CODE: (58) DECEMBER AND EXAMELEDED (58) DECEMBER AND EXAMELED POSTING (69) UNDERCLEANCE RATION: (57) STRUCTURAL EVALUATION: (58) DECEMBER AND EXAMELED POSTING (6	A) TYPE OF SURFACE: ASPHALT	
AGE AND SERVICE	,	
WEIGHT POSTING (2 AXLE VEHICLES):   ALL LEGAL LOADS	C) TYPE PROTECTION: UNKNOWN	
(27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (106) YEAR THE BRIDGE: (107) BRIDGE CODE: (108) WINDER OF LANES CARRIED BY BRIDGE: (109) WINDER OF LANES UNDER THE BRIDGE: (108) NUMBER OF LANES UNDER THE BRIDGE: (108) NUMBER OF LANES UNDER THE BRIDGE: (108) DECK GEOMETRY: (109) DOTAL BRIDGE LENGTH: (109) TOTAL BRIDGE LENGTH: (109) TOTAL BRIDGE LENGTH: (109) TOTAL BRIDGE LENGTH: (109) UNDERCLEARANCE RATING: (109) UNDERCLEARANCE RATING	AGE AND SERVICE	
Algorithm   Algo	(27) YEAR THE BRIDGE WAS BUILT: 1964	,
(42b) UNDER BRIDGE:	(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:   2   2   2   2   3   2   3   3   3   3	(42a) SERVICE ON BRIDGE: HIGHWAY	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2 (67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 6 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 38.1 FT (52) BRIDGE CURB TO CURB WIDTH: 44.6 FT (52) BRIDGE OUT TO OUT WIDTH: 44.6 FT (33) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: OPEN MEDIAN (34) BRIDGE SKEW: 35 DEGREES (520) MIN VERTICAL CLEARANCE ON ROADWAY: 36.0 FT (54a) VERT UNDERCLE: HIGHWAY BENEATH BRIDGE (55b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (55b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (55b) MIN HORZ UNDERCLE: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLE: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLE: NOT APPLICABLE (55b) MIN HORZ UNDERCLER ON RIGHT: 3.94 FT (55b) MIN HORZ UNDERCLE ON RIGHT: 3.94 FT (55b) MIN HORZ UNDERCLER ON LEFT: NOT APPLICABLE (92b) UNDERWATER INSPECTION (MO/YR): N/A	(42b) UNDER BRIDGE: HIGHWAY	
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (36) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (100) TOTAL BRIDGE IMPROVEMENTS: (113) SCOUR CONDITION RATING: (113) SCOUR CONDITION PATING: (113) SCOUR CONDITION RATING: (113) SCOUR CONDITION PATING: (113) SCOUR CONDITION PATING: (113) SC	(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (52) MIN VERTICAL CLEARANCE OVER RD: (52) MIN VERTICAL CLEARANCE ON ROADWAY: (54) VERT UNDERCLE: (54) WIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLE ARANCE: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: (75) TYPE OF WORK: (87) TYPE OF WORK: (89) UNDERCLEARANCE OF MR (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (84) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: (75) TYPE OF WORK: (72) APPROACH ROADWAY ALIGNMENT: (75) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: (75) TYPE OF WORK: (7	(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	, ,
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (566) MIN HORZ UNDERCLR ON RIGHT: (77) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (77) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (77) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (77) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (77) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (77) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: (77) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1013) SCOUR CONDITION RATING: (75) TYPE OF WORK: BRIDGE MEDIAN	GEOMETRIC DATA	
(72) APPROACH ROADWAY ALIGNMENT: 8 (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: 44.6 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: 0PEN 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: 36.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (55b) MIN HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 3.94 FT (50b) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE  (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1001 (37) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1001 (13) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT COST: \$786,000.00 (47) MIN HORIZONTAL CLEARANCE OVER RD: NO RESTRICTION (94) BRIDGE IMPROVEMENT COST: \$79,000.00 (95) ROADWAY IMPROVEMENT COST: \$79,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 (90) DATE OF LAST REGULAR INSPECTION: 8/16/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	(48) MAXIMUM SPAN LENGTH: 53.1 FT	` '
(36) TRAFFIC SAFETY FEATURES: 1001 (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 38.1 FT (52) BRIDGE OUT TO OUT WIDTH: 44.6 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: OPEN 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: 36.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (55b) MIN HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (90) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	(49) TOTAL BRIDGE LENGTH: 116.1 FT	` '
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (364) VERT UNDERCLR: (546) VERT UNDERCLR: (556) HORZ UNDERCLR: (556) MIN HORZ UNDERCLR ON RIGHT: (566) MIN HORZ UNDERCLR ON LEFT: (575) TYPE OF WORK:  (75) TYPE OF WORK:  (75) TYPE OF WORK:  (75) TYPE OF WORK: (75	(50a) LEFT SIDEWALK WIDTH: 0.0 FT	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (36) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (54b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN VERTICAL UNDERCLR: (55b) MIN HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (56) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (57) TYPE OF WORK:  (75) TYPE OF WORK: (75) TYPE OF WORK: (75) BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (98) DATE OF LAST REGULAR INSPECTION FREQUENCY (MONTHS): (97) PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (98) DATE OF LAST REGULAR INSPECTION (MO/YR): (98) DATE OF LAST UNDERWATER INSP FREQUENCY (MONTHS): (98) DATE OF SPECIAL INSPECTION (MO/YR): (99) DATE OF SPECIAL INSPECTION (MO/YR):	(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 116.1 FT (76) BRIDGE SKEW: 35 DEGREES (75) ROADWAY IMPROVEMENT COST: \$786,000.00 (75) BRIDGE FLARE: NO FLARE (75) ROADWAY IMPROVEMENT COST: \$79,000.00 (77) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (76) LENGTH OF BRIDGE IMPROVEMENT COST: \$786,000.00 (75) ROADWAY IMPROVEMENT COST: \$79,000.00 (77) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT (75) TYPE OF WORK: BRIDGE IMPROVEMENT: 116.1 FT (75) TYPE OF WORK: BRIDGE IMPROVEMENT COST: \$786,000.00 (95) TOTAL PROJECTION (95) TO	• •	
(33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54a) WERT UNDERCLEARANCE: (55b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN HORZ UNDERCLR: (55c) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (55c) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (57e) MIN HORZ UNDERCLR ON LEFT: (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (97) YEAR OF IMPROVEMENT COST: (97) YEA	• •	
(34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN VERTICAL UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (56) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (5786,000.00 (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (97) YEAR OF IMPROVEMENT COST: (97) YEAR OF IMPROV		` '
(35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (95) ROADWAY IMPROVEMENT COST: \$79,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019  INSPECTION DATES (99) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (95) ROADWAY IMPROVEMENT COST: \$1,180,000.00 (97) YEAR OF IMPROVEMENT COST: \$1,180,000.		
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 3.94 FT (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE NAVIGATION DATA (96) TOTAL PROJECT COST: \$1,180,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 (98) DATE OF LAST REGULAR INSPECTION: 8/16/2018 (99) DATE OF LAST REGULAR INSPECTION: 8/16/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 1/4 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (99) DATE OF SPECIAL INSPECTION (MO/YR): N/A	` '	• •
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 3.94 FT (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE NAVIGATION DATA  (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019  INSPECTION DATES  (99) DATE OF LAST REGULAR INSPECTION: 8/16/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A		
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 3.94 FT (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (590) DATE OF LAST REGULAR INSPECTION: 8/16/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (92c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	• •	• • • • • • • • • • • • • • • • • • • •
(54b) MIN VERTICAL UNDERCLEARANCE: 14.34 FT (90) DATE OF LAST REGULAR INSPECTION: 8/16/2018 (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (55b) MIN HORZ UNDERCLR ON RIGHT: 3.94 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	• •	
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (55b) MIN HORZ UNDERCLR ON RIGHT: 3.94 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (92b) UNDERWATER INSP FREQUENCY (MONTHS): N  NAVIGATION DATA (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	• •	
(55b) MIN HORZ UNDERCLR ON RIGHT:  (56) MIN HORZ UNDERCLR ON LEFT:  NOT APPLICABLE  (93b) DATE OF LAST UNDERWATER INSP (MO/YR):  NOT APPLICABLE  (92b) UNDERWATER INSP FREQUENCY (MONTHS):  N  (93c) DATE OF SPECIAL INSPECTION (MO/YR):  N/A		` '
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (92b) UNDERWATER INSP FREQUENCY (MONTHS): N  NAVIGATION DATA (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •
NAVIGATION DATA (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	• •	
		, ,

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 4.22

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 81.3

BRIDGE ID NUMBER: 33100240008

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: BROWNS FERRY RD(FAU 3622

LOCATION: 4.2 MI E OF GA STATE LINE - IDENTIFICATION

### CLASSIEICATION .

IDENTIFICATION		CLASSIFICATION		
(16a,b) LATITUDE:	N	35.02765 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.36375 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBA
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	LEF
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	
BRIDGE TYPE AND M	МАТ	ERIAL ———	(103) TEMPORARY BRIDGE:	NC

2

5

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: STEEL

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	3
(46) NUMBER OF APPROACH SPAN	<b>1</b> S: <b>0</b>
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE	AND DECK PROTECTION:
A) TYPE OF SUPEACE:	ACDUALT

A) TYPE OF SURFACE: ASPHALT B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: UNKNOWN

#### AGE AND SERVICE \*\* (27) YEAR THE BRIDGE WAS BUILT: 1964 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY**

**HIGHWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE:

(28b) NUMBER OF LANES UNDER THE BRIDGE: GEOMETRIC DATA

	OZOMZINIO DANA
77.1 FT	(48) MAXIMUM SPAN LENGTH:
139.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
36.4 FT	(51) BRIDGE CURB TO CURB WIDTH:
44.6 FT	(52) BRIDGE OUT TO OUT WIDTH:
42.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
OPEN MEDIAN	(33) BRIDGE MEDIAN:
SE DECIDEES	(34) BRIDGE SKEW:

(34) BRIDGE SKEW: 35 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: 14.86 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 1.97 FT (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

- NAVIGATION DATA -

	10,10,111011 2,1171	
(38)	NAV CONTROL:	NOT APPLICABLE
(39)	NAVIGATION VERTICAL CLEARANCE:	N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

YES **NHS ROUTE** BAN INTERSTATE FT LANE BRIDGE 1-WAY TRAFFIC **IOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED

### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING:	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:

APPRAISAL	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	5
(69) UNDERCLEARANCE RATING:	3
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	100N
(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: 8/15/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

YES NHS ROLLTE

ROUTE: 10024

LOG MILE: 4.22

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 51.9

BRIDGE ID NUMBER: 33100240007

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: BROWN'S FERRY (FAU 3622)

LOCATION: 4.2 MI E OF GA STATE LINE

# CLASSIFICATION =

IDENTIFICATION ————				
(16a,b) LATITUDE:	N	35.02738 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.36387 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	RIGHT I
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-1

77.1 FT

**HIGHWAY BENEATH BRIDGE** 

**NOT APPLICABLE** 

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: STEEL

(48) MAXIMUM SPAN LENGTH:

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	3
(46) NUMBER OF APPROACH SPANS	S: <b>0</b>
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE	AND DECK PROTECTION:
A) T) (DE OF OUDEA OF	

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: NONE C) TYPE PROTECTION:

## UNKNOWN - AGE AND SERVICE -

AGE AND SERVICE		
1964	(27) YEAR THE BRIDGE WAS BUILT:	
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:	
HIGHWAY	(42a) SERVICE ON BRIDGE:	
HIGHWAY	(42b) UNDER BRIDGE:	
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:	
5	(28b) NUMBER OF LANES UNDER THE BRIDGE:	

#### ■ GEOMETRIC DATA ■

	<b>\</b>
139.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
36.4 FT	(51) BRIDGE CURB TO CURB WIDTH:
44.6 FT	(52) BRIDGE OUT TO OUT WIDTH:
42.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
<b>OPEN MEDIAN</b>	(33) BRIDGE MEDIAN:
35 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>36.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: HIGHWAY
15.58 FT	(54b) MIN VERTICAL UNDERCLEARANCE:

## (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA =

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

**PUBLICATION DATE** 19-Mar-20

(55a) HORZ UNDERCLR:

(55b) MIN HORZ UNDERCLR ON RIGHT:

TEW. NIIS KOUTE	(104) NATIONAL HIGHWAT O
URBAN INTERSTATE	(26) FUNCTIONAL CLASS:
RIGHT LANE BRIDGE	(101) PARALLEL BRIDGE:
1-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROL
ISTORICAL SIGNIFICANCE HAS	(37) HISTORICAL CLASS:
OT BEEN DETERMINED	

### **CONDITION RATINGS**

(58) DECK:	5
(59) SUPERSTRUCTURE:	4
(60) SUBSTRUCTURE:	7
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

#### DESIGN LOAD AND WEIGHT POSTING =

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

## **APPRAISAL**

7.1.10.107.12	
(67) STRUCTURAL EVALUATION:	4
(68) DECK GEOMETRY:	5
(69) UNDERCLEARANCE RATING:	3
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	100N
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	BRIDGE REHABILITATION
(76)	LENGTH OF BRIDG	SE IMPROVEMENT:

139.1 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$985,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$99,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$1,478,000.00	TOTAL PROJECT COST:	(96)
2019	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)
INSPECTION DATES		

8/15/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 5.33

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

BRIDGE ID NUMBER: 33100240009

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: I-24

CROSSING: LOOKOUT CREEK

# OF TRANSPORTATION

LOCATION: AT FOOT OF LOOKOUT MTN.	SUFFICIENCY RATING: 82.1	
IDENTIFICATION ———	CLASSIFICATION —	_
(16a,b) LATITUDE: N 35.02658 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	3
(17a,b) LONGITUDE: W 85.34523 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE	Ξ
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE	Ξ
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE	Ξ
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC	3
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	Ξ
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK	(
CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	———— CONDITION RATINGS	_
(45) NUMBER OF MAIN SPANS:		В
(46) NUMBER OF APPROACH SPANS: 0	` '	5
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE		6
(108) TYPE OF SUBFACE.	` '	7
A) TYPE OF SURFACE:  B) TYPE MEMBRANE:  NONE	` '	١
C) TYPE PROTECTION: EPOXY COATED REINFORCING	DESIGN LOAD AND WEIGHT POSTING —	_
,	(31) DESIGN LOADING: HS-20-4	1
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: 1983		5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(42b) UNDER BRIDGE: WATERWAY	APPRAISAL —	_
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2		5
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0		В
GEOMETRIC DATA		N
(48) MAXIMUM SPAN LENGTH: 65.9 FT		7
(49) TOTAL BRIDGE LENGTH: 198.2 FT		В
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 100N	1
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT		В
(51) BRIDGE CURB TO CURB WIDTH: 42 FT	RECOMMENDED IMPROVEMENTS	_
(52) BRIDGE OUT TO OUT WIDTH:  44 FT	(75) TYPE OF WORK: NOT APPLICABLE	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/	Α
(33) BRIDGE MEDIAN: OPEN MEDIAN (34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST:	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	_
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 8/27/2018	3
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): 08/201:	
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): Y60	
	(00.) 5.475.05.055014.000507(01) (1.00.05)	_

PRODUCED PURSUANT TO (116) LIFT BRIDGE VERT CLEARANCE: N/A PUBLIC RECORDS REQUEST (40) NAVIGATION HORZ CLEARANCE: N/A This document is covered by 23 USC §409 and its production pursuant to a public **PUBLICATION DATE** document records request does not waive the provisions of §409

N/A

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

Ν

(39) NAVIGATION VERTICAL CLEARANCE:

NAVIGATION DATA =

**NO NAVIGATION CONTROL** 

(38) NAV CONTROL:



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 5.33

BRIDGE ID NUMBER: 33100240010

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: I-24

CROSSING: LOOKOUT CREEK

LOCATION: AT FOOT OF LOOKOUT MTN.

# OF TRANSPORTATION

SUFFICIENCY RATING: 82.1

COUNTY SEQUENCE: 2

SPECIAL CASE: 0

IDENTIFICATION ————		
(16a,b) LATITUDE: N 35.02668 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 85.34512 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE	
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK	
CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	CONDITION RATINGS	
(45) NUMBER OF MAIN SPANS: 3	(58) DECK: 8	
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: 5	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: 5	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
A) TYPE OF SURFACE: ASPHALT	(62) CULVERT CONDITION (IF APPLICABLE):	
B) TYPE MEMBRANE: NONE	DESIGN LOAD AND WEIGHT POSTING	
-, -, -, -, -, -, -, -, -, -, -, -, -, -		
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44	
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (2 AXLE VEHICLES):  WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: 1983	WEIGHT POSTING (3 OR MORE AXLES):  (70) BRIDGE POSTING CODE:  5	
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(42b) UNDER BRIDGE: WATERWAY		
	ADDDAICAL	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5	
	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 65.9 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>(72) APPROACH ROADWAY ALIGNMENT:</li> <li>8</li> </ul>	
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 65.9 FT (49) TOTAL BRIDGE LENGTH: 198.2 FT	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N	
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(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  OPEN MEDIAN	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (89) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A	
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GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 65.9 FT  (49) TOTAL BRIDGE LENGTH: 198.2 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 42 FT  (51) BRIDGE CURB TO CURB WIDTH: 42 FT  (52) BRIDGE OUT TO OUT WIDTH: 44 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT  (33) BRIDGE MEDIAN: OPEN MEDIAN  (34) BRIDGE SKEW: 0 DEGREES  (35) BRIDGE FLARE: NO FLARE  (520) MIN VERTICAL CLEARANCE OVER RD: 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	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
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GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (55a) HORZ UNDERCLR ON RIGHT: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (57) FT (58.9 FT (59.9 FT (98.2 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): (96)	
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N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

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COUNTY: HAMILTON

HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

ROUTE: 10024

LOG MILE: 6.19

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 81.5

BRIDGE ID NUMBER: 33100240011

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: CHATTANOOGA CREEK

LOCATION: 2.2 MI FM I24 I1214 IC

IDENTIFICATION			CLASSIFICATION		
(16a,b) LATITUDE:	N 35.01868 DE	GREES	(112) MEETS NBIS BRIDGE LENGTH:	YES	
(17a,b) LONGITUDE:	W 85.33357 DE	GREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>	
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	RIGHT LANE BRIDGE	
(99) BORDER BRIDGE NUMBER:	NOT APPLI	CABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROUTE:	NOT APPLICABLE ON TRUCK NETWORK		
(43a) MAIN SPAN MATERIAL DESTRESSED CONCRETE			,		

(43a) MAIN SPAN MATERIAL:

CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: O **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1964 (106) YEAR THE BRIDGE WAS REHABILITATED: 1983 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 76.1 FT (49) TOTAL BRIDGE LENGTH: 228.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: **OPEN 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: 42.0 FT

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

# CONDITION RATINGS

(58) DECK: 8 (59) SUPERSTRUCTURE: 5 (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE):

#### 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:

(41) WT POSTING STATUS: OPEN

(37) HISTORICAL CLASS:

**APPRAISAL** (67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (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: 8/27/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 08/2017 (92b) UNDERWATER INSP FREQUENCY (MONTHS): Y60 (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33I00240012 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 10024
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: I-24 COUNTY SEQUENCE: 2
CROSSING: CHATTANOOGA CREEK LOG MILE: 6.19
LOCATION: 2.2 MI FM I24 I124 IC SUFFICIENCY RATING: 81.5

IDENTIFICATION CLASSIFICATION
16a,b) LATITUDE: N 35.01890 DEGREES (112) MEETS NBIS BRIDGE LENGTH:

IDENTIFICATION —	
(16a,b) LATITUDE: N 35.01890 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.33363 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	(58) DECK: 8
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: 5
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: 5
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: NONE	DESIGN LOAD AND WEIGHT POSTING
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 1983	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5 (41) WT POSTING STATUS: OPEN
(42b) UNDER BRIDGE: WATERWAY	• •
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  76.1 FT	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 76.1 FT (49) TOTAL BRIDGE LENGTH: 228.0 FT	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  0  0  0  0  0  0  0  0  0  0  0  0  0	(67) STRUCTURAL EVALUATION: 5 (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: 5
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(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  OPEN MEDIAN	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (100)  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  N/A
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GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  OFEN MEDIAN  OPEN MEDIAN  OPEN MEDIAN	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (89) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:
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GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 76.1 FT  (49) TOTAL BRIDGE LENGTH: 228.0 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (51) BRIDGE CURB TO CURB WIDTH: 42 FT  (52) BRIDGE OUT TO OUT WIDTH: 44 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT  (33) BRIDGE MEDIAN: OPEN MEDIAN  (34) BRIDGE SKEW: 20 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	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 08/2017
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GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 76.1 FT  (49) TOTAL BRIDGE LENGTH: 228.0 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (51) BRIDGE CURB TO CURB WIDTH: 42 FT  (52) BRIDGE OUT TO OUT WIDTH: 44 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT  (33) BRIDGE MEDIAN: OPEN MEDIAN  (34) BRIDGE SKEW: 20 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	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 08/2017

N/A

N/A

N/A

PUBLICATION DATE
19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

6

7

7

Ν

Ν

7

9

5

Ν

Ν

N/A

10/15/2018

24

N/A

N/A

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HS-20-44

**NHS ROUTE** 

1-WAY TRAFFIC

BRIDGE ID NUMBER: 33100240013 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 10024 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: I-24 COUNTY SEQUENCE: 2 CROSSING: 124 EB RP / CSX RR LOG MILE: 7.39 LOCATION: .1 MI EAST OF I124 SUFFICIENCY RATING: 94.0 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.03080 DEGREES (17a,b) LONGITUDE: 85.32080 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 5 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1964 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1990 (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **RAILROAD APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 53.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 199.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 46.6 FT RECOMMENDED IMPROVEMENTS 54.1 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 45.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 21 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: YES. FLARED (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.0 FT INSPECTION DATES **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 23.03 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: 13.12 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): **NOT APPLICABLE** (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 7.41

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33100240077

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: 124 EB / CSX RR

LOCATION: .1 MI EAST OF I124

## CLASSIFICATION

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 94.0

 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.03110 DEGREES (17a,b) LONGITUDE: 85.32108 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR:

#### BRIDGE TYPE AND MATERIAL

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

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

#### AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1990 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 155.8 FT (49) TOTAL BRIDGE LENGTH: 358.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 45.9 FT 47.9 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 46.9 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 31 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.0 FT **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 22.01 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 2 95 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:

YES **NHS ROUTE URBAN INTERSTATE RIGHT LANE BRIDGE** 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 ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 3 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

N/A

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 10/15/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33100240014

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: 124 WB / CSX RR LOCATION: .1 MI EAST OF I124

COUNTY: HAMILTON

ROUTE: 10024

CLASSIFICATION	_
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LOG MILE: 7.41

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 92.5

(16a,b) LATITUDE:	N	35.03130	<b>DEGREES</b>	
(17a,b) LONGITUDE:	W	85.32108	<b>DEGREES</b>	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	
(OO) DODDED DDIDOE NII MADED				

IDENTIFICATION

(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: 3 (46) NUMBER OF APPROACH SPANS: **CONCRETE PRECAST PANELS** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE **EPOXY COATED REINFORCING** C) TYPE PROTECTION:

## 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: **RAILROAD** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 150.9 FT (49) TOTAL BRIDGE LENGTH: 301.8 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 45.9 FT (52) BRIDGE OUT TO OUT WIDTH: 47.9 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 31 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.0 FT **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 27 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 9 84 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

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN 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

HS-20-44
ALL LEGAL LOADS
ALL LEGAL LOADS
5

#### (41) WT POSTING STATUS: **OPFN**

APPRAISAL	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	4
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1N1N
(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:

N/A

(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): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

N/A

ROUTE: 10024

LOG MILE: 7.52

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 97.2

BRIDGE ID NUMBER: 33100240015

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: 124 EB/I24EB RP TO I124N

LOCATION: 124 & 1124 INTERSECTION

	CLASSIFICATION —	
35.03205 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
85.31945 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
N/A	(101) PARALLEL BRIDGE:	RIGHT LANE BRIDGE
NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
FRIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK
	85.31945 DEGREES N/A N/A	35.03205 DEGREES 85.31945 DEGREES N/A (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: N/A (101) PARALLEL BRIDGE: (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROUTE:

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	4
(46) NUMBER OF APPROACH SP.	ANS: 0
(107) TYPE OF DECK:	CONCRETE PRECAST PANELS
(108) TYPE OF WEARING SURFA	CE AND DECK PROTECTION:
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE
B) TYPE MEMBRANE:	NONE
C) TYPE PROTECTION:	<b>EPOXY COATED REINFORCING</b>

#### AGE AND SERVICE —

1990	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
1	(28b) NUMBER OF LANES UNDER THE BRIDGE:

134.8 FT	(48) MAXIMUM SPAN LENGTH:
485.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
45.9 FT	(51) BRIDGE CURB TO CURB WIDTH:
47.9 FT	(52) BRIDGE OUT TO OUT WIDTH:
44.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>46.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: <b>HIGHWAY</b>
21.36 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
BENEATH BRIDGE	(55a) HODZ LINDEDCI D: HICHWAY

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

1990	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:

#### GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH:	485.9 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	45.9 FT
(52) BRIDGE OUT TO OUT WIDTH:	47.9 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDT	H: <b>44.0 FT</b>
(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 ROAD	WAY: <b>46.0 FT</b>
(54a) VERT UNDERCLR: HIGHWA	Y BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE:	21.36 FT
(55a) HORZ UNDERCLR: HIGHWA	Y BENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIGHT:	11.15 FT
(56) MIN HORZ UNDERCLR ON LEFT:	4.59 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

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

# CONDITION RATINGS -

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

## EPOXY COATED REINFORCING DESIGN LOAD AND WEIGHT POSTING

HS-20-44	(31) DESIGN LOADING:
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):
ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):
5	(70) BRIDGE POSTING CODE:
	(44) M/T DOOTING OTATUO OPEN

#### (41) WT POSTING STATUS: **OPEN**

	APPRAISAL
7	(67) STRUCTURAL EVALUATION:
9	(68) DECK GEOMETRY:
9	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
1N1N	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	NOT APPLICABLE	
(76)	LENGTH OF BRIDG	GE IMPROVEMENT:	

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

10/3/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 7.53

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 92.4

BRIDGE ID NUMBER: 33100240016

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: I24 WB/I24EB RP TO I124N

LOCATION: 124 & 1124 INTERSECTION

(16a,b) LATITUDE:	N	35.03223	DEGREES	(11
(17a,b) LONGITUDE:	W	85.31918	<b>DEGREES</b>	(10
(98a) BORDER BRIDGE STATE CODE:			N/A	(26
(98b) PERCENT SHARE:			N/A	(10
(99) BORDER BRIDGE NUMBER		NOT A	PPLICABLE	(10

IDENTIFICATION -

#### BRIDGE TYPE AND MATERIAL

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

3	(45) NUMBER OF MAIN SPANS:
NS: <b>0</b>	(46) NUMBER OF APPROACH SPA
CONCRETE PRECAST PANELS	(107) TYPE OF DECK:
E AND DECK PROTECTION:	(108) TYPE OF WEARING SURFACE
MONOLITHIC CONCRETE	A) TYPE OF SURFACE:
NONE	B) TYPE MEMBRANE:
<b>EPOXY COATED REINFORCING</b>	C) TYPE PROTECTION:

#### AGE AND SERVICE

1990	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
1	(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH:	124.0 F	Γ
(49) TOTAL BRIDGE LENGTH:	321.8 F	Γ
(50a) LEFT SIDEWALK WIDTH:	0.0 F	Γ
(50b) RIGHT SIDEWALK WIDTH:	0.0 F	Γ
(51) BRIDGE CURB TO CURB WIDTH	: 46.3 F	Γ
(52) BRIDGE OUT TO OUT WIDTH:	48.6 F	Γ
(32) APPROACH ROADWAY (W/ SHL	DS) WIDTH: <b>44.0 F</b>	Γ
(33) BRIDGE MEDIAN:	NO MEDIAN	٧
(34) BRIDGE SKEW:	0 DEGREES	3
(35) BRIDGE FLARE:	NO FLARE	Ξ
(520) MIN VERTICAL CLEARANCE O	VER RD: NO RESTRICTION	1
(47) MIN HORIZONTAL CLEARANCE	ON ROADWAY: 46.0 F	Γ
(54a) VERT UNDERCLR:	HIGHWAY BENEATH BRIDGE	Ξ
(54b) MIN VERTICAL UNDERCLEAR	NCE: 18.67 F	Γ
(55a) HORZ UNDERCLR:	HIGHWAY BENEATH BRIDGE	Ξ

#### — 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

**PUBLICATION DATE** 19-Mar-20

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

 CLASSIFICATION 12) MEETS NBIS BRIDGE LENGTH: YES 04) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 6) FUNCTIONAL CLASS: **URBAN INTERSTATE** 01) 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 =

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

## (41) WT POSTING STATUS: OPEN

APPRAISA	
67) STRUCTURAL EVALUATION:	7
68) DECK GEOMETRY:	9
69) UNDERCLEARANCE RATING:	9
71) WATERWAY ADEQUACY:	N
72) APPROACH ROADWAY ALIGNMEN	NT: 8
36) TRAFFIC SAFETY FEATURES:	1N1N
113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	NOT APPLICABLE
(76) LENGTH OF BRII	DGE IMPROVEMENT:

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

11.15 FT

4.59 FT

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

10/3/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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N/A



YES

7

7

7

Ν

Ν

7

9

3

Ν

8

Ν

1001

172.9 FT

\$1,000.00

\$1,000.00

\$2,000.00

10/3/2018

2019

N/A

Ν

Ν

HS-20-44

ALL LEGAL LOADS

ALL LEGAL LOADS

**NHS ROUTE** 

1-WAY TRAFFIC

**NOT APPLICABLE** 

ON TRUCK NETWORK

**URBAN INTERSTATE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33101240003 COUNTY: HAMILTON ROUTE: 10024 BRIDGE OWNER: STATE OF TENNESSEE SPECIAL CASE: 0 FIPS CODE: 14000 ROAD NAME: I-24 COUNTY SEQUENCE: 2 CROSSING: I24EB RP/I124RP TO I24E LOG MILE: 7.54 LOCATION: 124 & 1124 INTERCHANGE SUFFICIENCY RATING: 74.2 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.03220 DEGREES (17a,b) LONGITUDE: 85.31863 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: N/A (26) FUNCTIONAL CLASS: (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: MONOLITHIC CONCRETE (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING **EPOXY COATED REINFORCING** C) TYPE PROTECTION: (31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN **APPRAISAL** (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY:

0.0 FT

30.2 FT

	AGE AND SERVICE		
1962	(27) YEAR THE BRIDGE WAS BUILT:		
1990	(106) YEAR THE BRIDGE WAS REHABILITATED:		
HIGHWAY	(42a) SERVICE ON BRIDGE:		
HIGHWAY	(42b) UNDER BRIDGE:		
1	(28a) NUMBER OF LANES CARRIED BY BRIDGE:		
3	(28b) NUMBER OF LANES UNDER THE BRIDGE:		
GEOMETRIC DATA			
73.2 FT	(48) MAXIMUM SPAN LENGTH:		
172.9 FT	(49) TOTAL BRIDGE LENGTH:		
0.0 FT	(50a) LEFT SIDEWALK WIDTH:		

36.4 FT	(52) BRIDGE OUT TO OUT WIDTH:
27.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
30 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
19.75 FT	(520) MIN VERTICAL CLEARANCE OVER RD:
30.0 FT	(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:
EATH BRIDGE	(54a) VERT UNDERCLR: HIGHWAY BEN
14.17 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
EATH BRIDGE	(55a) HORZ UNDERCLR: HIGHWAY BEN
9.84 FT	(55b) MIN HORZ UNDERCLR ON RIGHT:
8.86 FT	(56) MIN HORZ UNDERCLR ON LEFT:

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

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(69) UNDERCLEARANCE RATING:

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(72) APPROACH ROADWAY ALIGNMENT:

(76) LENGTH OF BRIDGE IMPROVEMENT:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(90) DATE OF LAST REGULAR INSPECTION:

(94) BRIDGE IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(95) ROADWAY IMPROVEMENT COST:

RECOMMENDED IMPROVEMENTS

INSPECTION DATES

**BRIDGE WIDENING (NO DECK REPAIRS** 

(71) WATERWAY ADEQUACY:

(75) TYPE OF WORK:

(50b) RIGHT SIDEWALK WIDTH:

(51) BRIDGE CURB TO CURB WIDTH:



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 7.60

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

BRIDGE ID NUMBER: 33100240017

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-24** 

CROSSING: 124 EB RP/A660 CHESTNUT

LOCATION: .1 M E OF I124

# SUFFICIENCY RATING: 95.9

LOCATION: .1 M E OF 1124		SUFFICIENCY RATING: 95.	9
IDENTIFICATION			
(16a,b) LATITUDE: N 35.03135 E	DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W 85.31777	DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	JRBAN INTERSTATE
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE: NO	PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APP	PLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS		(110) NATIONAL TRUCK ROUTE: OF	N TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE		(37) HISTORICAL CLASS: HISTORICAL SIGN NOT BEEN DETER	
(45) NUMBER OF MAIN SPANS:	3	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:	7
(107) TYPE OF DECK: CONCRETE CAST-I	-	(59) SUPERSTRUCTURE:	7
(108) TYPE OF WEARING SURFACE AND DECK PROTECT		(60) SUBSTRUCTURE:	7
A) TYPE OF SURFACE: MONOLITHIC CO		(61) STREAM CHANNEL AND CHANNEL PROTE	CTION: N
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICABLE):	N
C) TYPE PROTECTION: EPOXY COATED REIN	FORCING	DESIGN LOAD AND WEIGHT P	OSTING ——
AGE AND SERVICE		(31) DESIGN LOADING:	HS-20-44
(27) YEAR THE BRIDGE WAS BUILT:	1961	WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
(21) TEAR THE BRIDGE WAS BUILT. (106) YEAR THE BRIDGE WAS REHABILITATED:	1990	WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
	HIGHWAY	(70) BRIDGE POSTING CODE:	5
` '	HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	1	APPRAISAL —	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	2	(67) STRUCTURAL EVALUATION:	7
GEOMETRIC DATA		(68) DECK GEOMETRY:	9
(48) MAXIMUM SPAN LENGTH:	73.2 FT	(69) UNDERCLEARANCE RATING:	5
	181.1 FT	(71) WATERWAY ADEQUACY:	N
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	(72) APPROACH ROADWAY ALIGNMENT:	7
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	1001
(51) BRIDGE CURB TO CURB WIDTH:	29.9 FT	(113) SCOUR CONDITION RATING:	N
(52) BRIDGE OUT TO OUT WIDTH:	35.1 FT	RECOMMENDED IMPROVEN	IENTS ———
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	28.9 FT	(75) TYPE OF WORK: NOT APPLICABLE	
• • • • • • • • • • • • • • • • • • • •	MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	N/A
	DEGREES	(94) BRIDGE IMPROVEMENT COST:	
(35) BRIDGE FLARE: YES.	, FLARED	(95) ROADWAY IMPROVEMENT COST:	
` ,	TRICTION	(96) TOTAL PROJECT COST:	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:	30.7 FT	(97) YEAR OF IMPROVEMENT COST ESTIMAT	E:
(54a) VERT UNDERCLR: HIGHWAY BENEATH	H BRIDGE	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE:	26.28 FT	(90) DATE OF LAST REGULAR INSPECTION:	9/4/2018
(55a) HORZ UNDERCLR: HIGHWAY BENEATH	H BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MON	ITHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT:	8.2 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/	YR): N/A
(50) 10011100011010000101010010010		(66) \	

NOT APPLICABLE

**NOT APPLICABLE** 

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(38) NAV CONTROL:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(39) NAVIGATION VERTICAL CLEARANCE:

NAVIGATION DATA

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N/A

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 7.61

BRIDGE ID NUMBER: 33100240082

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: 124 WB / A660 & CSX RR

LOCATION: .1 M E OF I124 JCT

#### SUFFICIENCY RATING: 82.8

COUNTY SEQUENCE: 2

SPECIAL CASE: 0

IDENTIFICATI	ON			
(16a,b) LATITUDE:	N	35.03220	DEGREES	(112) MEE
(17a,b) LONGITUDE:	W	85.31735	DEGREES	(104) NAT
(98a) BORDER BRIDGE STATE CODE:			N/A	(26) FUN
(98b) PERCENT SHARE:			N/A	(101) PAR
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE	(102) TRA

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: R (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE:

B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

#### AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1990 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: HIGHWAY-RAILROAD (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 94.2 FT (49) TOTAL BRIDGE LENGTH: 519.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 49.9 FT 51.8 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 56.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 9 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 47.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 15.75 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

ETS NBIS BRIDGE LENGTH: YES TIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

NCTIONAL CLASS: **URBAN INTERSTATE** 

RALLEL BRIDGE: **LEFT LANE BRIDGE** 

AFFIC 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:	4
(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 ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

30.02 FT

(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): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 7.61

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33100240081

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: I24EB / A660 & CSX RR

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 85.5

IDENTIFICAT	ION		CLAS	SIFICATION ————
(16a,b) LATITUDE:	N	35.03202 DEGREES	(112) MEETS NBIS BRIDGE	LENGTH: YES
(17a,b) LONGITUDE:	W	85.31750 DEGREES	(104) NATIONAL HIGHWAY S	SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN INTERSTATE
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND	ИΔТ	FRIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PREST			(110) NATIONAL TRUCK RO	UTE: ON TRUCK NETWORK
CONTIN	uous	3	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(44a) APPR SPAN MATERIAL: NOT AP	PLICA	ABLE	OOND!	TION DATINGS -

#### CONDITION RATINGS =

0, 1101112211 01 112 111 01 7 11 101	•		
6) NUMBER OF APPROACH SF	PANS: 0	(58) DECK:	8
07) TYPE OF DECK:	CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE:	7
08) TYPE OF WEARING SURFA	ACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:	7
TYPE OF SURFACE:	MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	N
TYPE MEMBRANE	NONE	(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

#### ADDDAICAL

APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	8
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1N1N
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: N	OT APPLICABLE
----------------------	---------------

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

- (94) BRIDGE IMPROVEMENT COST:
- (95) ROADWAY IMPROVEMENT COST:
- (96) TOTAL PROJECT COST:
- (97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

9/5/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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LOCATION: .1 M E OF I124 JCT
IDENTIFICATION —
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER:  N 35.03202 DEGREES  N/A  85.31750 DEGREES  N/A  N/A  N/A
BRIDGE TYPE AND MATERIAL
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE CONTINUOUS
(44a) APPR SPAN MATERIAL: NOT APPLICABLE
(45) NUMBER OF MAIN SPANS:
(46) NUMBER OF APPROACH SPANS:  (407) TYPE OF DECKY:  (407) TYPE OF DECKY:  (407) TYPE OF DECKY:  (408) NUMBER OF APPROACH SPANS:
(107) TYPE OF DECK: CONCRETE PRECAST PANELS (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
A) TYPE OF SURFACE: MONOLITHIC CONCRETE
B) TYPE MEMBRANE: NONE
C) TYPE PROTECTION: EPOXY COATED REINFORCING
AGE AND SERVICE
(27) YEAR THE BRIDGE WAS BUILT: 1990
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A
(42a) SERVICE ON BRIDGE: HIGHWAY
(42b) UNDER BRIDGE: HIGHWAY-RAILROAD
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2
GEOMETRIC DATA
(48) MAXIMUM SPAN LENGTH: 92.8 FT
(49) TOTAL BRIDGE LENGTH: 519.0 FT
(50a) LEFT SIDEWALK WIDTH: 0.0 FT
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT
(51) BRIDGE CURB TO CURB WIDTH: 45.9 FT
(52) BRIDGE OUT TO OUT WIDTH: 47.9 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0 FT (33) BRIDGE MEDIAN: NO MEDIAN
(34) BRIDGE SKEW: 9 DEGREES
(35) BRIDGE FLARE: NO FLARE
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.0 FT
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE: 29.99 FT
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIGHT: 12.14 FT
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE
NAVIGATION DATA
(38) NAV CONTROL: NOT APPLICABLE (39) NAVIGATION VERTICAL CLEARANCE: N/A
(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A
(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20



COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0

LOG MILE: 7.63

COUNTY SEQUENCE: 2

BRIDGE ID NUMBER: 33100240018

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

C) TYPE PROTECTION:

CROSSING: 124 WB RP TO 1124N/A660

LOCATION: .1 M E OF I124 JCT

SUFFICIENCY RATING: 79.0 IDENTIFICATION CLASSIFICATION = (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.03232 DEGREES YES (17a,b) LONGITUDE: 85.31728 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL = (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: 7 (46) NUMBER OF APPROACH SPANS: O (59) SUPERSTRUCTURE: 7 **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν A) TYPE OF SURFACE: MONOLITHIC CONCRETE (62) CULVERT CONDITION (IF APPLICABLE): Ν B) TYPE MEMBRANE: NONE

#### AGE AND SERVICE

1961	YEAR THE BRIDGE WAS BUILT:	(27)
1990	S) YEAR THE BRIDGE WAS REHABILITATED:	(106
HIGHWAY	a) SERVICE ON BRIDGE:	(42a
HIGHWAY	) UNDER BRIDGE:	(42b
3	a) NUMBER OF LANES CARRIED BY BRIDGE:	(28a

#### GEOMETRIC DATA

(28b) NUMBER OF LANES UNDER THE BRIDGE:

73.2 FT	(48) MAXIMUM SPAN LENGTH:
216.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
60 FT	(51) BRIDGE CURB TO CURB WIDTH:
62 FT	(52) BRIDGE OUT TO OUT WIDTH:
59.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
10 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
IO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
Y: <b>60.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADWA
ENEATH BRIDGE	(54a) VERT UNDERCLR: HIGHWAY I
29.99 FT	(54b) MIN VERTICAL UNDERCLEARANCE:

#### 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

1961	(27) YEAR THE BRIDGE WAS BUILT:
1990	106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
3	(28a) NUMBER OF LANES CARRIED BY BRIDGE:

	(10) 1111 2 1111 211 211 111
216.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
60 FT	(51) BRIDGE CURB TO CURB WIDTH:
62 FT	(52) BRIDGE OUT TO OUT WIDTH:
59.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
10 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
'AY: <b>60.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW.
BENEATH BRIDGE	(54a) VERT UNDERCLR: HIGHWAY
29.99 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
BENEATH BRIDGE	(55a) HORZ UNDERCLR: <b>HIGHWAY</b>
7.87 FT	(55b) MIN HORZ UNDERCLR ON RIGHT:
NOT APPLICABLE	(56) MIN HORZ UNDERCLR ON LEFT:

**EPOXY COATED REINFORCING** 

## NAV CONTROL

1961	YEAR THE BRIDGE WAS BUILT:	27)
1990	S) YEAR THE BRIDGE WAS REHABILITATED:	106
HIGHWAY	a) SERVICE ON BRIDGE:	42
HIGHWAY	) UNDER BRIDGE:	42I
3	a) NUMBER OF LANES CARRIED BY BRIDGE:	28

(67) STRUCTURAL EVALUATION:
(68) DECK GEOMETRY:
(69) UNDERCLEARANCE RATING:
(71) WATERWAY ADEQUACY:
(72) APPROACH ROADWAY ALIGNMENT:

(36) TRAFFIC SAFETY FEATURES:

WEIGHT POSTING (2 AXLE VEHICLES):

WEIGHT POSTING (3 OR MORE AXLES):

(31) DESIGN LOADING:

(70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN

# (113) SCOUR CONDITION RATING:

2

#### RECOMMENDED IMPROVEMENTS

DESIGN LOAD AND WEIGHT POSTING

**APPRAISAL** 

HS-20-44

6

7

5

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**1N0N** 

**ALL LEGAL LOADS** 

**ALL LEGAL LOADS** 

(75)	TYPE OF WORK:	BRIDGE REHABILITATION
(76)	LENGTH OF BRIDG	SE IMPROVEMENT:

2020	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)
\$2,830,000.00	TOTAL PROJECT COST:	(96)
\$189,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$1,886,000.00	BRIDGE IMPROVEMENT COST:	(94)
216.9 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)

9/6/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 7.71

NOT BEEN DETERMINED

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 95.8

BRIDGE ID NUMBER: 33100240019

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: 124 EB RP / ABAND CSX RR

LOCATION: .2 MI E OF I124 JCT

#### CI ASSIFICATION -

IDENTIFICATION —		CLASSIFICATIO	N ———	
(16a,b) LATITUDE:	N	35.03105 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.31660 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE:	NOT APPLICABLE	
(40-) MAIN ORAN MATERIAL PRESTREAMED CONCRETE		(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK	

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	3
(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	OTHER
(108) TYPE OF WEARING SURFACE AND	DECK PROTECTION:
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE

B) TYPE MEMBRANE: NONE C) TYPE PRO

AGE AND SERVICE			
(27) YEAR THE BRIDGE WAS BUILT:	1961		
(106) YEAR THE BRIDGE WAS REHABILITATED:	1990		
(42a) SERVICE ON BRIDGE:	HIGHWAY		
(42b) UNDER BRIDGE:	RAILROAD		
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	4		
(28b) NUMBER OF LANES UNDER THE BRIDGE:	0		

#### - GEOMETRIC DATA -

(48) MAXIMUM SPAN LENGTH:	47.9 FT
(49) TOTAL BRIDGE LENGTH:	118.1 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	80.1 FT
(52) BRIDGE OUT TO OUT WIDTH:	82 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	80.1 FT
(33) BRIDGE MEDIAN:	NO MEDIAN
(34) BRIDGE SKEW:	7 DEGREES
(35) BRIDGE FLARE:	YES, FLARED
(520) MIN VERTICAL CLEARANCE OVER RD:	NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON ROADW	AY: <b>79.0 FT</b>

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

**NOT APPLICABLE** 

## NAVIGATION DATA =

(56) MIN HORZ UNDERCLR ON LEFT:

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

**PUBLICATION DATE** 19-Mar-20

## CONDITION RATINGS =

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

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

#### DESIGN LOAD AND WEIGHT POSTING

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

#### APPRAISAL

ALLINAIGAE	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1N1N
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	NOT APPLICABLE
(76)	LENGTH OF BRID	GE IMPROVEMENT:

N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

9/6/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

YES

ROUTE: 10024

LOG MILE: 7.72

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 78.6

BRIDGE ID NUMBER: 33100240020

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: 124 WB RP TO 1124/CSX RR

LOCATION: .2 MI E OF I124 JCT

 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.03165 DEGREES (17a,b) LONGITUDE: 85.31605 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK

3

54.1 FT

**NOT APPLICABLE** 

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

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

#### AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1961 (106) YEAR THE BRIDGE WAS REHABILITATED: 1990 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **RAILROAD** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### ■ GEOMETRIC DATA •

(49) TOTAL BRIDGE LENGTH: 133.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 60 FT 62 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 60.0 FT **NO MEDIAN** (33) BRIDGE 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: 60.0 FT

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT:

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

**PUBLICATION DATE** 19-Mar-20

(48) MAXIMUM SPAN LENGTH:

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

#### 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:

(41) WT POSTING STATUS: OPEN

(37) HISTORICAL CLASS:

#### **APPRAISAL**

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 133.9 FT (94) BRIDGE IMPROVEMENT COST: \$1.143.000.00 (95) ROADWAY IMPROVEMENT COST: \$115,000.00 (96) TOTAL PROJECT COST: \$1,715,000.00 (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): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33100240022

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-24** 

CROSSING: I24WB RP TO I124NB/SR2

LOCATION: .25 M E OF I124 JCT

# COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 77.0

LOG MILE: 7.73

#### 

7

4.59 FT

(16a,b) LATITUDE:	N	35.03132 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.31503 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URB
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PAF
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(45) NUMBER OF MAIN SPANS:	4
(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	OTHER
(108) TYPE OF WEARING SURFACE AN	D DECK PROTECTION:
A) T)/DE OF OUDEAOE	MONOLITUIO CONODETE

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:	1990
(42a) SERVICE ON BRIDGE:	HIGHWAY
(42b) UNDER BRIDGE:	HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	3

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH:	68.9	FT
(49) TOTAL BRIDGE LENGTH:	195.9	FT
(50a) LEFT SIDEWALK WIDTH:	0.0	FT
(50b) RIGHT SIDEWALK WIDTH:	0.0	FT
(51) BRIDGE CURB TO CURB WIDTH	: 60	FT
(52) BRIDGE OUT TO OUT WIDTH:	62	FT
(32) APPROACH ROADWAY (W/ SHL	DS) WIDTH: <b>60.0</b>	FT
(33) BRIDGE MEDIAN:	NO MED	IAN
(34) BRIDGE SKEW:	0 DEGRE	ES
(35) BRIDGE FLARE:	NO FLA	RE
(520) MIN VERTICAL CLEARANCE O	VER RD: NO RESTRICTI	ON
(47) MIN HORIZONTAL CLEARANCE	ON ROADWAY: 60.0	FT
(54a) VERT UNDERCLR:	HIGHWAY BENEATH BRID	GE
(54b) MIN VERTICAL UNDERCLEAR	NCE: <b>16.27</b>	FT
(55a) HORZ UNDERCLR:	HIGHWAY BENEATH BRID	GE

#### — 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

# PUBLICATION DATE 19-Mar-20

(55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:

_	
YES	(112) MEETS NBIS BRIDGE LENGTH:
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:
URBAN INTERSTATE	(26) FUNCTIONAL CLASS:
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:
1-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:
ICAL SIGNIFICANCE HAS EN DETERMINED	

#### — CONDITION RATINGS =

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

## EPOXY COATED REINFORCING DESIGN LOAD AND WEIGHT POSTING

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

#### (41) WT POSTING STATUS: **OPEN**

AFFRAISAL		
	(67) STRUCTURAL EVALUATION:	6
	(68) DECK GEOMETRY:	7
	(69) UNDERCLEARANCE RATING:	4
	(74) MATERIANA AREQUA OV	

(71) WATERWAY ADEQUACY:
(72) APPROACH ROADWAY ALIGNMENT:
(36) TRAFFIC SAFETY FEATURES:
(113) SCOUR CONDITION RATING:
N

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	BRIDGE REHABILITATION
--------------------	-----------------------

	THE OF WORKS. BRIDGE REHABILITATION	(10)
195.9 FT	ENGTH OF BRIDGE IMPROVEMENT:	(76)
\$1,695,000.00	RIDGE IMPROVEMENT COST:	(94)
\$170,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$2,543,000.00	OTAL PROJECT COST:	(96)
2018	EAR OF IMPROVEMENT COST ESTIMATE:	(97)

#### 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



BRIDGE ID NUMBER: 33100240021

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: 124 EB / SR 2 BROAD ST

LOCATION: .25 M E OF I124 JCT

COUNTY: HAMILTON ROUTE: 10024 SPECIAL CASE: 0 COUNTY SEQUENCE: 2

LOG MILE: 7.78 SUFFICIENCY RATING: 78.4

#### - CLASSIEICATION -IDENTIFICATION

(58) DECK:

(16a,b) LATITUDE:	N	35.03060 DEGREES	(112) MEETS NBIS BRIDG
(17a,b) LONGITUDE:	W	85.31543 DEGREES	(104) NATIONAL HIGHWA
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLAS
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:

#### 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:	OTHER
(108) TYPE OF WEARING SURFACE AND	DECK PROTECTION:
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE
B) TYPE MEMBRANE:	NONE

#### C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE ————		
1960	(27) YEAR THE BRIDGE WAS BUILT:	
1990	(106) YEAR THE BRIDGE WAS REHABILITATED:	
HIGHWAY	(42a) SERVICE ON BRIDGE:	
HIGHWAY	(42b) UNDER BRIDGE:	
6	(28a) NUMBER OF LANES CARRIED BY BRIDGE:	
7	(28b) NUMBER OF LANES UNDER THE BRIDGE:	

#### GEOMETRIC DATA =

68.9 FT	(48) MAXIMUM SPAN LENGTH:
194.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
104 FT	(51) BRIDGE CURB TO CURB WIDTH:
106 FT	(52) BRIDGE OUT TO OUT WIDTH:
104.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
YES, FLARED	(35) BRIDGE FLARE:
IO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD: N
Y: <b>100.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADWAY
ENEATH BRIDGE	(54a) VERT UNDERCLR: HIGHWAY BI
16.44 FT	(54b) MIN VERTICAL UNDERCLEARANCE:

#### (56) MIN HORZ UNDERCLR ON LEFT: — NAVIGATION DATA —

**HIGHWAY BENEATH BRIDGE** 

8.86 FT

4.59 FT

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

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

(55a) HORZ UNDERCLR:

(55b) MIN HORZ UNDERCLR ON RIGHT:

CLASSIFICATION —			
(112) MEETS NBIS BRIDGE LENGTH:	YES		
(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE		
(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>		
(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 S	IGNIFICANCE HAS		
NOT BEEN DETERMINED			
— CONDITION RATINGS			

STRUCTURE:		

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

#### DESIGN LOAD AND WEIGHT POSTING =

HS-20-44		(31) DESIGN LOADING:
ALL LEGAL LOADS	'EHICLES):	WEIGHT POSTING (2 AXLE V
ALL LEGAL LOADS	RE AXLES):	WEIGHT POSTING (3 OR MO
5	<b>:</b> :	(70) BRIDGE POSTING CODE
	OPEN	(41) WT POSTING STATUS:

#### ADDDAICAL

	APPRAISAL
5	(67) STRUCTURAL EVALUATION:
9	(68) DECK GEOMETRY:
4	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
1N1N	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

	<b>BRIDGE REHABILITATION</b>	TYPE OF WORK:	(75)
194.9 FT	DGE IMPROVEMENT:	LENGTH OF BRID	(76)
\$2,808,000.00	VEMENT COST:	BRIDGE IMPROVE	(94)
\$281,000.00	ROVEMENT COST:	ROADWAY IMPRO	(95)
\$4,213,000.00	T COST:	TOTAL PROJECT	(96)
2018	OVEMENT COST ESTIMATE:	YEAR OF IMPROV	(97)
	IODEOTION DATES -		

#### INSPECTION DATES

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



BRIDGE ID NUMBER: 33100240084

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: 124 WB / SR2 BROAD ST

LOCATION: .25 M E OF I124 JCT

#### COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

LOG MILE: 7.78 SUFFICIENCY RATING: 71.4

#### CLASSIFICATION -IDENTIFICATION

(16a,b) LATITUDE:	N	35.03113 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.31528 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN I
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	LEFT LA
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-W
			(103) TEMPORARY RRIDGE:	NOT /

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

4	(45) NUMBER OF MAIN SPANS:
0	(46) NUMBER OF APPROACH SPA
ONCRETE PRECAST PANELS	(107) TYPE OF DECK:
ND DECK PROTECTION:	(108) TYPE OF WEARING SURFAC
MONOLITHIC CONCRETE	A) TYPE OF SURFACE:
NONE	B) TYPE MEMBRANE:
OXY COATED REINFORCING	C) TYPE PROTECTION:

#### 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:	HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	3
(28b) NUMBER OF LANES UNDER THE BRIDGE:	7

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH:	69.9 FT
(49) TOTAL BRIDGE LENGTH:	195.9 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	61 FT
(52) BRIDGE OUT TO OUT WIDTH:	63 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	54.1 FT
(33) BRIDGE MEDIAN:	NO MEDIAN
(34) BRIDGE SKEW:	3 DEGREES
(35) BRIDGE FLARE:	YES, FLARED
(520) MIN VERTICAL CLEARANCE OVER RD: NO	RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:	60.5 FT
(54a) VERT UNDERCLR: HIGHWAY BEN	IEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE:	19.68 FT

## NAVIGATION DATA =

**HIGHWAY BENEATH BRIDGE** 

3.94 FT

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

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

(55a) HORZ UNDERCLR:

(55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:

	CLASSIFICATION
YES	(112) MEETS NBIS BRIDGE LENGTH:
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:
<b>URBAN INTERSTATE</b>	(26) FUNCTIONAL CLASS:
LEFT LANE BRIDGE	(101) PARALLEL BRIDGE:
1-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:
IGNIFICANCE HAS FERMINED	(37) HISTORICAL CLASS: HISTORICAL S NOT BEEN DE

#### 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

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

(41) WT POSTING STATUS:

——— APPRAISAL ———	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	4
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1000
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

OT APPLICABLE

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

- (94) BRIDGE IMPROVEMENT COST:
- (95) ROADWAY IMPROVEMENT COST:
- (96) TOTAL PROJECT COST:
- (97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	9/11/2018
(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



BRIDGE ID NUMBER: 33100240024

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: 124WB RP TO 1124N/A643

LOCATION: .4 M E OF I124 JCT

#### COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

LOG MILE: 7.86 SUFFICIENCY RATING: 76.0

#### - IDENTIFICATION CLASSIFICATION =

(16a,b) LATITUDE:	N	35.03053 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.31298 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN II
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALI
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-W
			(400) TEMPODADY DDIDOE	

2

2

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(AE) NUIMBED OF MAIN CDANC.

3	(45) NUMBER OF MAIN SPANS:
0	(46) NUMBER OF APPROACH SPANS:
OTHER	(107) TYPE OF DECK:
ECK PROTECTION:	(108) TYPE OF WEARING SURFACE AND
ONOLITHIC CONCRETE	A) TYPE OF SURFACE:

B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

#### AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1960

1990 (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY** (42b) UNDER BRIDGE: **HIGHWAY** 

(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:

#### ■ GEOMETRIC DATA •

59.1 FT	(48) MAXIMUM SPAN LENGTH:
132.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
42 FT	(51) BRIDGE CURB TO CURB WIDTH:
44 FT	(52) BRIDGE OUT TO OUT WIDTH:
44 0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(32) APPROACH ROADWAY (W/ SF (33) BRIDGE MEDIAN: **NO MEDIAN** 

(34) BRIDGE SKEW: 0 DEGREES

(35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** 

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

(520) MIN VERTICAL CLEARANCE OVER RD:

(54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: 16.77 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 6.89 FT

(56) MIN HORZ UNDERCLR ON LEFT: 6.89 FT

#### NAVIGATION DATA =

(38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: N/A N/A

(116) LIFT BRIDGE VERT CLEARANCE: (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

YES **NHS ROUTE** INTERSTATE LLEL BRIDGE **NAY 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

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

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

7	(67) STRUCTURAL EVALUATION:
9	(68) DECK GEOMETRY:
4	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
1000	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	BRIDGE REHABILITATION

	THE OF WORK. BRIDGE REHABILITATION	$(I \cup I)$
132.9 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$834,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$84,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$1,252,000.00	TOTAL PROJECT COST:	(96)
2018	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)

#### 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



COUNTY: HAMILTON

HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

ROUTE: 10024

LOG MILE: 7.91

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 65.0

BRIDGE ID NUMBER: 33100240023

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: 124EB&WB/A643 WILLIAMS

LOCATION: .4 M E OF I124 JCT

## CLASSIFICATION -

IDENTIFICAT	TION		CLASSIFICATIO	N ———— NC
(16a,b) LATITUDE:	N	35.02992 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.31330 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN INTERSTATE
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND I	ΜΔТΙ	ERIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
			(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK

6

2

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

3	(45) NUMBER OF MAIN SPANS:
0	(46) NUMBER OF APPROACH SPANS:
RETE CAST-IN-PLACE	(107) TYPE OF DECK:
K PROTECTION:	(108) TYPE OF WEARING SURFACE AT
IOLITHIC CONCRETE	A) TYPE OF SURFACE:
NONE	B) TYPE MEMBRANE:

## AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT:

(42b) UNDER BRIDGE: **HIGHWAY** 

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 118.4 FT 120.7 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 102.0 FT

(33) BRIDGE MEDIAN: **CLOSED MEDIAN - WITH BARRIER** (34) BRIDGE SKEW: 0 DEGREES

(35) BRIDGE FLARE: NO FLARE **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD:

(55b) MIN HORZ UNDERCLR ON RIGHT: 6.89 FT

(56) MIN HORZ UNDERCLR ON LEFT: 6.89 FT

#### NAVIGATION DATA =

(38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

1960 (106) YEAR THE BRIDGE WAS REHABILITATED: 1990 (42a) SERVICE ON BRIDGE: **HIGHWAY** 

(28a) NUMBER OF LANES CARRIED BY BRIDGE:

#### ■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 59.1 FT (49) TOTAL BRIDGE LENGTH: 123.0 FT

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 70.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.17 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE:

## CONDITION RATINGS

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

#### 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:

(41) WT POSTING STATUS: OPEN

(37) HISTORICAL CLASS:

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 123 FT (94) BRIDGE IMPROVEMENT COST: \$2.003.000.00 (95) ROADWAY IMPROVEMENT COST: \$201,000.00 (96) TOTAL PROJECT COST: \$3,005,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019

#### 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): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

**ALL LEGAL LOADS ALL LEGAL LOADS** 

waive the provisions of §409

ROUTE: 10024

LOG MILE: 7.97

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 78.0

BRIDGE ID NUMBER: 33100240026

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

(4 (4 (5 (5 (5 CROSSING: 124 WB RP TO 1124N/A642

LOCATION: .5 M E OF I124 JCT

IDENTIFICATION —			ION —
(16a,b) LATITUDE:       N       35.02983       D         (17a,b) LONGITUDE:       W       85.31118       D	DEGREES	(112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM:	YES NHS ROUTE
<ul><li>(98a) BORDER BRIDGE STATE CODE:</li><li>(98b) PERCENT SHARE:</li><li>(99) BORDER BRIDGE NUMBER:</li><li>NOT APP</li></ul>	N/A N/A PLICABLE	(26) FUNCTIONAL CLASS: (101) PARALLEL BRIDGE: (102) TRAFFIC DIR:	URBAN INTERSTATE NO PARALLEL BRIDGE 1-WAY TRAFFIC
HATERIAL  (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRET CONTINUOUS  (44a) APPR SPAN MATERIAL: NOT APPLICABLE	E	NOT BEE	NOT APPLICABLE ON TRUCK NETWORK CAL SIGNIFICANCE HAS N DETERMINED
(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK:	3 0 OTHER	(58) DECK: (59) SUPERSTRUCTURE:	TINGS 7

	ND CEDVICE -	(31) DESIGN LOADING:	HS-20-44
C) TYPE PROTECTION:	<b>EPOXY COATED REINFORCING</b>	DESIGN LOAD AND WEIGHT POSTING	
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICABLE):	N
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	N
(108) TYPE OF WEARING SUR	FACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:	7
(107) TYPE OF DECK:	OTHER	(59) SUPERSTRUCTURE:	7

AGE AND SERVICE		(31) DESIGN LOADING:	
(27) YEAR THE BRIDGE WAS BUILT:	1960	WEIGHT POSTING (2 AXLE VEHICLES):	4
(106) YEAR THE BRIDGE WAS REHABILITATED:	1990	WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE:	•
(42a) SERVICE ON BRIDGE:	HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(42b) UNDER BRIDGE:	HIGHWAY	APPRAISAL	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	2		
(28b) NUMBER OF LANES LINDER THE BRIDGE:	3	(67) STRUCTURAL EVALUATION:	

20a) NUMBER OF LANES CARRIED BY BRIDGE.			
28b) NUMBER OF LANES UNDER THE BRIDGE:	3	(67) STRUCTURAL EVALUATION:	7
GEOMETRIC DATA		(68) DECK GEOMETRY:	9
		(69) UNDERCLEARANCE RATING:	5
48) MAXIMUM SPAN LENGTH:	65.0 FT		N.
49) TOTAL BRIDGE LENGTH:	128.0 FT	(71) WATERWAY ADEQUACY:	N
,		(72) APPROACH ROADWAY ALIGNMENT:	8
50a) LEFT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	1001
50b) RIGHT SIDEWALK WIDTH:	0.0 FT	` '	
51) BRIDGE CURB TO CURB WIDTH:	52.5 FT	(113) SCOUR CONDITION RATING:	N
or, Brabal doras to doras mistri.	02.0 1 1	PECOMMENDED IMPROVEMENTS	

(52) BRIDGE OUT TO OUT WIDTH:	54.5 FT	RECOMMENDED IMPROVEMENT	S
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	44.0 FT	(75) TYPE OF WORK: <b>BRIDGE REHABILITATION</b>	
(33) BRIDGE MEDIAN:	NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	128 FT
(34) BRIDGE SKEW:	10 DEGREES	(94) BRIDGE IMPROVEMENT COST:	\$997,000.00
(35) BRIDGE FLARE:	NO FLARE	(95) ROADWAY IMPROVEMENT COST:	\$100,000.00
(520) MIN VERTICAL CLEARANCE OVER RD:	NO RESTRICTION	(96) TOTAL PROJECT COST:	\$1,496,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADW	'AY: <b>52.5 FT</b>	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2018

	• •	NO INCOMINA	AINTIOL OVER IND.	(320) WILL VERTIONE OFFINI
2018	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	AY: <b>52.5 FT</b>	LEARANCE ON ROADWA	(47) MIN HORIZONTAL CLEA
	INSPECTION DATES	BENEATH BRIDGE	HIGHWAY F	(54a) VERT UNDERCLR:
9/17/2018	(90) DATE OF LAST REGULAR INSPECTION:	16.86 FT	DERCLEARANCE:	(54b) MIN VERTICAL UNDER

0,, =0.0	(00) 57 (12 0) 27 (0) (12 002) (17 (17 0) 20 (17 0) (17 0)	10.00 1 1	(0 15) MINT VERTICONE ON BERTOE
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	UNDERCLR: <b>HIGHWAY BENEATH BRIDGE</b>	(55a) HORZ UNDERCLR:
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	DRZ UNDERCLR ON RIGHT: 7.87 FT	(55b) MIN HORZ UNDERCLR ON
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	DRZ UNDERCLR ON LEFT: 12.14 FT	(56) MIN HORZ UNDERCLR ON
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):	NAVIGATION DATA	NAVIGA
N	(92c) SPECIAL INSP. FREQUENCY (MONTHS):	ONTROL NOT APPLICABLE	(38) NAV CONTROL

(39) NAVIGATION VERTICAL CLEARANCE: N/A PRODUCED PURSUANT TO (116) LIFT BRIDGE VERT CLEARANCE: N/A PUBLIC RECORDS REQUEST (40) NAVIGATION HORZ CLEARANCE: N/A This document is covered by 23 USC §409 and its production pursuant to a public **PUBLICATION DATE** document records request does not 19-Mar-20



COUNTY: HAMILTON

ROUTE: 10024

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 79.0

BRIDGE ID NUMBER: 33100240025

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

(16a,b) LATITUDE:

(98b) PERCENT SHARE:

CROSSING: 124 EB & WB/A642 LONG ST

IDENTIFICATION

LOCATION: .5 M E OF I124 JCT

# OF TRANSPORTATION

CLASSIFICATION

LOG MILE: 8.03

Ν 35.02922 DEGREES

N/A

6

3

65.0 FT

(17a,b) LONGITUDE: 85.31155 DEGREES (98a) BORDER BRIDGE STATE CODE: 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: n OTHER (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: 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: 1990 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** 

(28a) NUMBER OF LANES CARRIED BY BRIDGE:

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(48) MAXIMUM SPAN LENGTH:

#### ■ GEOMETRIC DATA •

(49) TOTAL BRIDGE LENGTH: 128.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 112.9 FT (52) BRIDGE OUT TO OUT WIDTH: 121.4 FT

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 112.9 FT **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN:

(34) BRIDGE SKEW: 10 DEGREES

NO FLARE

(35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 72.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.5 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 9 84 FT

(56) MIN HORZ UNDERCLR ON LEFT: 7.87 FT

#### NAVIGATION DATA =

(38) NAV CONTROL: **NOT APPLICABLE** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

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

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

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** 

## CONDITION RATINGS

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

#### 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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1001 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION** 

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(76) LENGTH OF BRIDGE IMPROVEMENT: 128 FT (94) BRIDGE IMPROVEMENT COST: \$2,120,000,00

(95) ROADWAY IMPROVEMENT COST: \$213,000.00

(96) TOTAL PROJECT COST: \$3,181,000.00

#### 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): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

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2018



BRIDGE ID NUMBER: 33100240028

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: 124WB RP/SR58 MARKET ST

LOCATION: .6 MI E OF I124 JCT

## COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0 COUNTY SEQUENCE: 2

LOG MILE: 8.06 SUFFICIENCY RATING: 77.0

#### IDENTIFICATION -CLASSIFICATION =

(16a,b) LATITUDE:	N	35.02930 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.30985 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URE
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PA
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

4	(45) NUMBER OF MAIN SPANS:		
0	(46) NUMBER OF APPROACH SPANS:		
OTHER	(107) TYPE OF DECK:		
CK PROTECTION:	(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:		
NOLITHIC CONCRETE	A) TYPE OF SURFACE:		
NONE	D) TYPE MEMPRANE.		

68.9 FI	(48) MAXIMUM SPAN LENGTH:
194.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
60 FT	(51) BRIDGE CURB TO CURB WIDTH:
62 FT	(52) BRIDGE OUT TO OUT WIDTH:
58.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

DGE MEDIAN:	NO MEDIAN
DGE SKEW:	0 DEGREES
DGE FLARE:	NO FLARE

NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
VAY: <b>60.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW

• •	
(54a) VERT UNDERCLR:	HIGHWAY BENEATH BRIDGE

(54b) MIN VERTICAL UNDERCLEARANCE:	15.85 FT
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(55a) HORZ UNDERCLR:	HIGHWAY BENEATH BRIDGE

(55b) MIN HORZ UNDERCLR ON RIGHT:	8.86 FT
(56) MIN HORZ UNDERCLR ON LEFT:	4.27 FT

#### NAVIG

(38) NAV CONTROL:	NOT APPLICABLE
(39) NAVIGATION VERTICAL C	LEARANCE: N/A
(440) LIET DDIDOE VEDT OLEA	341105

(40)	NAVIGATION HORZ CLEARANCE:	N
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#### 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: 1990 (42a) SERVICE ON BRIDGE: **HIGHWAY** (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (28b) NUMBER OF LANES UNDER THE BRIDGE: 7 GEOMETRIC DATA -(48) MAYIMI IM SDAN I ENGTH:

		(,
ON LEFT:	4.27 FT	(92b) UNDERWATER IN
SATION DATA		(93c) DATE OF SPECIAL
	NOT APPLICABLE	(92c) SPECIAL INSP FR

(116) LIFT BRIDGE VERT CLEARANCE: N/A N/Δ

**PUBLICATION DATE** 19-Mar-20

YES **NHS ROUTE** BAN INTERSTATE **ARALLEL BRIDGE** 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 =

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

(41) WT POSTING STATUS: OPEN

#### APPRAISAL

	ALLIVAIOAE
7	(67) STRUCTURAL EVALUATION:
7	(68) DECK GEOMETRY:
5	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
1000	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	BRIDGE REHABILITATION

194.9 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)	
\$1,687,000.00	BRIDGE IMPROVEMENT COST:	(94)	
\$169,000.00	ROADWAY IMPROVEMENT COST:	(95)	
\$2,531,000.00	TOTAL PROJECT COST:	(96)	
2018	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)	

#### INSPECTION DATES

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



COUNTY: HAMILTON

Ν

ROUTE: 10024

LOG MILE: 8.10

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 77.0

BRIDGE ID NUMBER: 33100240027

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: I24 EB&WB / SR58 MARKET

- IDENTIFICATION

LOCATION: .6 M E OF I124 JCT

#### CLASSIEICATION -

(16a,b) LATITUDE: N 35.02863 DEGREES (112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W 85.31030 DEGREES (104) NATIONAL HIGHWAY SYSTEM: NHS R	OUTE
(98a) BORDER BRIDGE STATE CODE: N/A (26) FUNCTIONAL CLASS: URBAN INTERS	TATE
(98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: NO PARALLEL BF	RIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE (102) TRAFFIC DIR: 2-WAY TRA	AFFIC
BRIDGE TYPE AND MATERIAL (103) TEMPORARY BRIDGE: NOT APPLIC	ABLE

68.9 FT

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:

C) TYPE PROTECTION:

(48) MAXIMUM SPAN LENGTH:

(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	OTHER
(108) TYPE OF WEARING SURFACE AND	DECK PROTECTION:
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE
B) TYPE MEMBRANE:	NONE

# AGE AND SERVICE

**EPOXY COATED REINFORCING** 

1960	(27) YEAR THE BRIDGE WAS BUILT:
1990	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
7	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
7	(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### ■ GEOMETRIC DATA =

192.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
143.4 FT	(51) BRIDGE CURB TO CURB WIDTH:
146.7 FT	(52) BRIDGE OUT TO OUT WIDTH:
143.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
WITH BARRIER	(33) BRIDGE MEDIAN: CLOSED MEDIAN -
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
O RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD: NO
′: 96.0 FT	(47) MIN HORIZONTAL CLEARANCE ON ROADWAY

Y BENEATH BRIDGE	(54a) VERT UNDERCLR: H
15.78 FT	(54b) MIN VERTICAL UNDERCLEARANG
Y BENEATH BRIDGE	(55a) HORZ UNDERCLR:
8.86 FT	(55b) MIN HORZ UNDERCLR ON RIGHT
4 27 ET	(56) MINI HODZ LINDEDOLD ON LEET-

# (38) NAV CONTROL:

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

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

(26) FUNCTIONAL CLASS:	URBAN INTERSTATE	
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE	
(102) TRAFFIC DIR:	2-WAY TRAFFIC	
(103) TEMPORARY BRIDGE:	NOT APPLICABLE	
(110) NATIONAL TRUCK ROL	JTE: ON TRUCK NETWORK	
(37) HISTORICAL CLASS:	HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
CONDITION RATINGS		
(58) DECK:	5	

#### DESIGN LOAD AND WEIGHT POSTING =

(61) STREAM CHANNEL AND CHANNEL PROTECTION:

(62) CULVERT CONDITION (IF APPLICABLE):

(59) SUPERSTRUCTURE: (60) SUBSTRUCTURE:

(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		
ΔΡΡΑΙζΑΙ		

	_		
RUCTURAL EVALU	JATION:	•	ò
CK GEOMETRY:		9	)
DERCLEARANCE	RATING:	5	5
TERWAY ADEQUA	ACY:	N	ı
PROACH ROADWA	AY ALIGNMENT:	8	3
AFFIC SAFETY FE	ATURES:	1010	)
COUR CONDITION	RATING:	N	1

#### RECOMMENDED IMPROVEMENTS

	TYPE OF WORK: BRIDGE REHABILITATION	(75)
192.9 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$3,797,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$380,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$5,696,000.00	TOTAL PROJECT COST:	(96)
2018	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)
	INCRECTION DATES	

#### INSPECTION DATES

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



BRIDGE ID NUMBER: 33100240029

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

(45) NUMBER OF MAIN SPANS:

(48) MAXIMUM SPAN LENGTH:

CROSSING: 124 / SOUTHERN RAILWAY

LOCATION: 1 M E OF I124 JCT

#### COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

LOG MILE: 8.56 SUFFICIENCY RATING: 72.9

#### IDENTIFICATION CLASSIFICATION =

(16a,b) LATITUDE:	N	35.02563 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.30322 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND N	ΙΔΤ	ERIAL ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

122.0 FT

(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

## BRIDGE TYPE AND MATERIAL

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

(10) HOMBERT OF THE CITYLES.	•
(46) NUMBER OF APPROACH SPANS	S: <b>0</b>
(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

1958	YEAR THE BRIDGE WAS BUILT:	(27
1990	S) YEAR THE BRIDGE WAS REHABILITATED:	(10
HIGHWAY	a) SERVICE ON BRIDGE:	(42
RAILROAD	) UNDER BRIDGE:	(42
8	a) NUMBER OF LANES CARRIED BY BRIDGE:	(28
0	) NUMBER OF LANES UNDER THE BRIDGE:	(28

#### - GEOMETRIC DATA -

299.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
141.1 FT	(51) BRIDGE CURB TO CURB WIDTH:
144 FT	(52) BRIDGE OUT TO OUT WIDTH:
141.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDT
N - WITH BARRIER	(33) BRIDGE MEDIAN: CLOSED MED
5 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>70.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROAD
BENEATH BRIDGE	(54a) VERT UNDERCLR: RAILROA
22.83 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
BENEATH BRIDGE	(55a) HORZ UNDERCLR: RAILROA

#### (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** NAVIGATION DATA =

(55b) MIN HORZ UNDERCLR ON RIGHT:

NOT APPLICABLE	NAV CONTROL:	(38)
N/A	NAVIGATION VERTICAL CLEARANCE:	(39)
N/A	6) LIFT BRIDGE VERT CLEARANCE:	(116)

(40) NAVIGATION HORZ CLEARANCE: N/A

#### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING =

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

(41) WT POSTING STATUS: OPEN

#### ADDDAIGAI

	APPRAISAL
7	(67) STRUCTURAL EVALUATION:
9	(68) DECK GEOMETRY:
4	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
000N	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

	INCRECTION DATES	
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2019
(96)	TOTAL PROJECT COST:	\$9,784,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$653,000.00
(94)	BRIDGE IMPROVEMENT COST:	\$6,522,000.00
(76)	LENGTH OF BRIDGE IMPROVEMENT:	299.9 FT

#### INSPECTION DATES •

9/27/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

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ROUTE: 10024

BRIDGE ID NUMBER: 33100240031

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: 124/124RP TO CENTRAL AVE

LOCATION: 1.2 M E OF I124 JCT

#### SPECIAL CASE: 0 COUNTY SEQUENCE: 2

LOG MILE: 8.74 SUFFICIENCY RATING: 71.6

#### IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.02412 DEGREES YES (17a,b) LONGITUDE: 85.30052 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL = (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED** CONDITION RATINGS

#### (45) NUMBER OF MAIN SPANS: 4 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: OTHER (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: **ASPHALT** (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE:	1960 1990 HIGHWAY HIGHWAY	(31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN	HS-20-44 ALL LEGAL LOADS ALL LEGAL LOADS 5
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	8	APPRAISAL	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	4	(67) STRUCTURAL EVALUATION:	6

HIGHWAY	ADDDAIGAL	
8	APPRAISAL	
4	(67) STRUCTURAL EVALUATION:	6
	(68) DECK GEOMETRY:	9
	(69) UNDERCLEARANCE RATING:	3
55.1 FT		
165 0 ET	(71) WATERWAY ADEQUACY:	N
	(72) APPROACH ROADWAY ALIGNMENT:	8
0.0 FT	• •	2222
0.0 FT	(36) TRAFFIC SAFETY FEATURES:	0000
	(113) SCOUR CONDITION RATING:	N
138.1 FT		•••
	55.1 FT 165.0 FT 0.0 FT 0.0 FT	4 (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:

(51) BRIDGE CURB TO CURB WIDTH:	138.1 FT		
(52) BRIDGE OUT TO OUT WIDTH:	144 FT	RECOMMENDED IMPROVEMENT	s ——
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	138.1 FT	(75) TYPE OF WORK: <b>BRIDGE REHABILITATION</b>	
	N - WITH BARRIER	(76) LENGTH OF BRIDGE IMPROVEMENT:	165 FT
(34) BRIDGE SKEW:	0 DEGREES	(94) BRIDGE IMPROVEMENT COST:	\$3,106,000.00
(35) BRIDGE FLARE:	NO FLARE	(95) ROADWAY IMPROVEMENT COST:	\$311,000.00
(520) MIN VERTICAL CLEARANCE OVER RD:	NO RESTRICTION	(96) TOTAL PROJECT COST:	\$4,660,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADW		(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2019
	BENEATH BRIDGE	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE:	14.34 FT	(90) DATE OF LAST REGULAR INSPECTION:	9/11/2018

9/11/2018	(90) DATE OF LAST REGULAR INSPECTION:	14.34 FI	(54b) MIN VERTICAL UNDERGLEARANCE:	(540
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	Y BENEATH BRIDGE	(55a) HORZ UNDERCLR: <b>HIGHWAY</b>	(55a
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	7.55 FT	(55b) MIN HORZ UNDERCLR ON RIGHT:	(55b
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	4.59 FT	(56) MIN HORZ UNDERCLR ON LEFT:	(56)
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):		NAVIGATION DATA	
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):	NOT APPLICABLE	(38) NAV CONTROL:	(38)
TO	PRODUCED DUDGILANTE	N/A	(39) NAVIGATION VERTICAL CLEARANCE:	(39)

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

7

6

7

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ROUTE: 10024

LOG MILE: 8.94

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 77.0

BRIDGE ID NUMBER: 33100240033

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: CANNON AVE (NFA B631)

LOCATION: .1 MI FROM SR27

IDENTIFICATION			CLASSIFICATION	ON ————
(16a,b) LATITUDE:	J 35.022	03 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	85.298	20 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:	NO	T APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE:	NOT APPLICABLE	
DIGIDOL I II L'AND MA			(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK

#### ( NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS** (44a) APPR SPAN MATERIAL: NOT APPLICABLE

**NOT BEEN DETERMINED** 

#### CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: **ASPHALT** (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** S-20-44 +MOD

AGE AND SERVICE		(31) DESIGN LOADING:	HS-20-44 +MOD
(27) YEAR THE BRIDGE WAS BUILT:	1962	WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE:	1987 HIGHWAY	WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE:	ALL LEGAL LOADS 5
(42b) UNDER BRIDGE:	HIGHWAY	(41) WT POSTING STATUS: OPEN  APPRAISAL	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	8	(67) STRUCTURAL EVALUATION:	6
(28b) NUMBER OF LANES UNDER THE BRIDGE:	2	(01) STRUCTURAL EVALUATION.	0

N/A

8	APPRAISAL	
2	(67) STRUCTURAL EVALUATION:	6
_	(68) DECK GEOMETRY:	9
50.4 FT	(69) UNDERCLEARANCE RATING:	4
56.1 FT	(71) WATERWAY ADEQUACY:	N
123.0 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
0.0 FT	(36) TRAFFIC SAFETY FEATURES:	1001
0.0 FT	(113) SCOUR CONDITION RATING:	N
133 Q FT	(110) 000011 001101110111101	

0.0 FT	(50a) LEFT SIDEWALK WIDTH:	
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:	
133.9 FT	(51) BRIDGE CURB TO CURB WIDTH:	
138.1 FT	(52) BRIDGE OUT TO OUT WIDTH:	
133.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	
WITH BARRIER	(33) BRIDGE MEDIAN: CLOSED MEDIAN -	
11 DEGREES	(34) BRIDGE SKEW:	
NO EL ADE	(35) RDIDGE ELADE:	

GEOMETRIC DATA

11 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
WAY: <b>66.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROAD
Y BENEATH BRIDGE	(54a) VERT UNDERCLR: HIGHWA
15.19 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
Y BENEATH BRIDGE	(55a) HORZ UNDERCLR: HIGHWA

BENEATH BRIDGE	DRZ UNDERGER: HIGHWAY	(ssa)
5.91 FT	N HORZ UNDERCLR ON RIGHT:	(55b)
NOT APPLICABLE	N HORZ UNDERCLR ON LEFT:	(56)

	MAVIGATION DATA	
(38)	NAV CONTROL:	NOT APPLICABLE
(39)	NAVIGATION VERTICAL CLEARANCE:	N/A
(116	) LIFT BRIDGE VERT CLEARANCE:	N/A

(40) NAVIGATION HORZ CLEARANCE: **PUBLICATION DATE** 19-Mar-20

(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH:

#### 5) TVDE OF MODK: RPINGE PEHARII ITATION

RECOMMENDED IMPROVEMENTS

(IJ)	TIPE OF WORK. BRIDGE REHABILITATION		
(76)	LENGTH OF BRIDGE IMPROVEMENT:	123 FT	
(94)	BRIDGE IMPROVEMENT COST:	\$2,260,000.00	
(95)	ROADWAY IMPROVEMENT COST:	\$227,000.00	
(96)	TOTAL PROJECT COST:	\$3,391,000.00	
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2018	
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): Ν

(93c) DATE OF SPECIAL INSPECTION (MO/YR): (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33100240035

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: SR 27 (ROSSVILLE BLVD.)

COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 9.29

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

#### LOCATION: 2 MI FROM SR58 SUFFICIENCY RATING: 67.7 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.01843 DEGREES YES (17a,b) LONGITUDE: 85.29393 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (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: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE **EPOXY COATED REINFORCING** C) TYPE PROTECTION:

4.27 FT

	AGE AND SERVICE
1961	(27) YEAR THE BRIDGE WAS BUILT:
1987	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
8	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
8	(28b) NUMBER OF LANES UNDER THE BRIDGE:
	GEOMETRIC DATA

	OLOMETRIO DATA
73.2 FT	(48) MAXIMUM SPAN LENGTH:
224.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
136.2 FT	(51) BRIDGE CURB TO CURB WIDTH:
138.1 FT	(52) BRIDGE OUT TO OUT WIDTH:
136.2 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
- WITH BARRIER	(33) BRIDGE MEDIAN: CLOSED MEDIAN
18 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:

**NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 67.0 FT (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: 15.03 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 9.51 FT

NAVIGATION DATA =

(56) MIN HORZ UNDERCLR ON LEFT:

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

**PUBLICATION DATE** 19-Mar-20

(102) TRAFFIC DIR: 2-	WAY TRAFFIC
(103) TEMPORARY BRIDGE: NOT	APPLICABLE
(110) NATIONAL TRUCK ROUTE: ON TRUC	CK NETWORK
(37) HISTORICAL CLASS: HISTORICAL SIGNIFICAL NOT BEEN DETERMINE	
———— CONDITION RATINGS	
(58) DECK:	5
(59) SUPERSTRUCTURE:	6
(60) SUBSTRUCTURE:	6
(61) STREAM CHANNEL AND CHANNEL PROTECTION	: <b>N</b>
(62) CULVERT CONDITION (IF APPLICABLE):	N
DESIGN LOAD AND WEIGHT POSTII	NG ——
(31) DESIGN LOADING:	HS-20-44
,	EGAL LOADS
,	EGAL LOADS
(70) BRIDGE POSTING CODE:	5
(41) WT POSTING STATUS: <b>OPEN</b>	
APPRAISAL	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	4
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES:	8 0000
(113) SCOUR CONDITION RATING:	0000 N
RECOMMENDED IMPROVEMENT	
	S —
(75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT:	224.1 FT
(94) BRIDGE IMPROVEMENT COST:	\$4,184,000.00
(95) ROADWAY IMPROVEMENT COST:	\$419,000.00
(96) TOTAL PROJECT COST:	\$6,277,000.00
(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2019
INSPECTION DATES —	
(90) DATE OF LAST REGULAR INSPECTION:	9/27/2018
(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

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(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: 10024

LOG MILE: 9.62

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33100240037

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: HICKORY ST (4981)

LOCATION: .2 MI FROM SR27

## SUFFICIENCY RATING: 78.2

COUNTY SEQUENCE: 2

IDENTIFICATION ————————————————————————————————————				
(16a,b) LATITUDE:	N	35.01845	<b>DEGREES</b>	
(17a,b) LONGITUDE:	W	85.28807	<b>DEGREES</b>	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	
(99) BORDER BRIDGE NUMBER:		NOT AF	PLICABLE	

#### BRIDGE TYPE AND MATERIAL

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

(45) NUMBER OF MAIN SPANS:	3
(46) NUMBER OF APPROACH SPANS	. <b>0</b>
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE A	ND 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: 1961 1987 (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY** (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 7

2

#### (28b) NUMBER OF LANES UNDER THE BRIDGE: GEOMETRIC DATA -

64.0 F	:NGTH:	(48) MAXIMUM SPAN LE
133.9 F	NGTH:	(49) TOTAL BRIDGE LEN
2.0 F	VIDTH:	(50a) LEFT SIDEWALK W
0.0 F	WIDTH:	(50b) RIGHT SIDEWALK
122 F	CURB WIDTH:	(51) BRIDGE CURB TO C
126 F	JT WIDTH:	(52) BRIDGE OUT TO OU
122.0 F	VAY (W/ SHLDS) WIDTH:	(32) APPROACH ROADW
WITH DADDIE	OLOGED MEDIAN	(22) DDIDOE MEDIANI.

(33) BRIDGE MEDIAN: **CLOSED MEDIAN - WITH BARRIER** (34) BRIDGE SKEW: 13 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

(54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: 14.86 FT (55a) HORZ UNDERCLR: **HIGHWAY 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

**PUBLICATION DATE** 19-Mar-20

	CLASSIFICATION
YES	(112) MEETS NBIS BRIDGE LENGTH:
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:
<b>URBAN INTERSTATE</b>	(26) FUNCTIONAL CLASS:
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:
2-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:
	(37) HISTORICAL CLASS: HISTORICAL S
TEDMINED	NOT DEEN DE

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

HS-20-44 +MOD		(31) DESIGN LOADING:
ALL LEGAL LOADS	EHICLES):	WEIGHT POSTING (2 AXLE V
ALL LEGAL LOADS	RE AXLES):	WEIGHT POSTING (3 OR MO
5	:	(70) BRIDGE POSTING CODE
	OPEN	(41) WT POSTING STATUS:

#### **APPRAISAL**

_	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	6
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1001
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: RPINGE PEHARILITATION

(13)	THE OF WORK. BRIDGE KEHABIEHATION	
(76)	LENGTH OF BRIDGE IMPROVEMENT:	133.9 FT
(94)	BRIDGE IMPROVEMENT COST:	\$2,287,000.00

(95) ROADWAY IMPROVEMENT COST: \$229,000.00

(96) TOTAL PROJECT COST: \$3,431,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2020

#### 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



BRIDGE ID NUMBER: 33100240039

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-24** 

CROSSING: 4TH AVE. (3572) LOCATION: 1.8 MI FROM SR27 COUNTY: HAMILTON
ROUTE: 10024
SPECIAL CASE: 0
COUNTY SEQUENCE: 2
LOG MILE: 10.06

#### - CLASSIFICATION -

SUFFICIENCY RATING: 78.0

(16a,b) LATITUDE:	N	35.01643	<b>DEGREES</b>	
(17a,b) LONGITUDE:	W	85.28073	<b>DEGREES</b>	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE	

- IDENTIFICATION

#### BRIDGE TYPE AND MATERIAL =

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

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(520) MIN VERTICAL CLEARANCE OVER RD:

(48) MAXIMUM SPAN LENGTH:

(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: EPOXY COATED REINFORCING

# AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1961 (106) YEAR THE BRIDGE WAS REHABILITATED: 1987 (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 6

#### ─ GEOMETRIC DATA ─

4

(75) TYPE OF WORK:

45.9 FT

**NO RESTRICTION** 

152.9 F	GTH:	(49) TOTAL BRIDGE LENG
0.0 F	/IDTH:	(50a) LEFT SIDEWALK WI
0.0 F	WIDTH:	(50b) RIGHT SIDEWALK V
111.9 F	:URB WIDTH:	(51) BRIDGE CURB TO CI
113.8 F	IT WIDTH:	(52) BRIDGE OUT TO OUT
111.9 F	/AY (W/ SHLDS) WIDTH:	(32) APPROACH ROADWA
WITH DADDIE	CLOCED MEDIAN	(22) DDIDOE MEDIANI

(33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER
(34) BRIDGE SKEW: 4 DEGREES
(35) BRIDGE FLARE: NO FLARE

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **54.0 FT** (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(54b) MIN VERTICAL UNDERCLEARANCE: 14.7 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**(55b) MIN HORZ UNDERCLR ON RIGHT: **7.87 FT** 

(56) MIN HORZ UNDERCLR ON LEFT: 7.87 FT

#### - NAVIGATION DATA -

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

PUBLICATION DATE 19-Mar-20

CLASSIFICATION		
OGE LENGTH: YES	(112) MEETS NBIS BRIDGE L	
/AY SYSTEM: NHS ROUTE	(104) NATIONAL HIGHWAY S	
SS: URBAN INTERSTATE	(26) FUNCTIONAL CLASS:	
E: <b>NO PARALLEL BRIDGE</b>	(101) PARALLEL BRIDGE:	
2-WAY TRAFFIC	(102) TRAFFIC DIR:	
DGE: NOT APPLICABLE	(103) TEMPORARY BRIDGE:	
ROUTE: ON TRUCK NETWORK	(110) NATIONAL TRUCK ROU	
SS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	(37) HISTORICAL CLASS:	

#### 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 +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**

6
9
5
N
8
1001
N

#### RECOMMENDED IMPROVEMENTS

٠,		
(76)	LENGTH OF BRIDGE IMPROVEMENT:	152.9 FT
(04)	PRIDCE IMPROVEMENT COST:	\$2.2E6.000.00

(94) BRIDGE IMPROVEMENT COST: \$2,256,000.00
 (95) ROADWAY IMPROVEMENT COST: \$226,000.00

**BRIDGE REHABILITATION** 

(96) TOTAL PROJECT COST: \$3,385,000.00

# (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES

9/20/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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2018



BRIDGE ID NUMBER: 33100240041

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-24** 

CROSSING: SOU RWY (ABANDONED)

LOCATION: 1.8 MI FROM SR27

# COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

LOG MILE: 10.36

SUFFICIENCY RATING: 59.7

IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.01492 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.27575 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
	(103) TEMPORARY BRIDGE: NOT APPLICABLE
BRIDGE TYPE AND MATERIAL	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: CONCRETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 3	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 5
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 6
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 5
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: EPOXY COATED REINFORCING	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1963	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 1987	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: OTHER	(41) WT POSTING STATUS: <b>OPEN</b>
(420) UNDER BRIDGE.	
(28a) NI IMBER OF LANES CARRIED BY BRIDGE	APPRAISAL ————
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 8	7 7 . 2
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 5
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 9
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 111.9 FT	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT  (49) TOTAL BRIDGE LENGTH: 111.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT  (49) TOTAL BRIDGE LENGTH: 111.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 111.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 134.5 FT	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0000N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 111.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 131.5 FT (52) BRIDGE OUT TO OUT WIDTH: 137.8 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TROUR CONDITION RATING: N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER (34) BRIDGE SKEW:  5 DEGREES	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT:  111.9 FT
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT  (49) TOTAL BRIDGE LENGTH: 111.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 134.5 FT  (51) BRIDGE CURB TO CURB WIDTH: 137.8 FT  (52) BRIDGE OUT TO OUT WIDTH: 133.9 FT  (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: NO FLARE	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       000N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       111.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,991,000.00
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 111.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 134.5 FT (51) BRIDGE CURB TO CURB WIDTH: 137.8 FT (52) BRIDGE OUT TO OUT WIDTH: 137.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER (34) BRIDGE SKEW: 5 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TROUBLE CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (81,991,000.00)
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 111.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 134.5 FT (51) BRIDGE CURB TO CURB WIDTH: 137.8 FT (52) BRIDGE OUT TO OUT WIDTH: 137.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER (34) BRIDGE SKEW: 5 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       000N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS       N         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       111.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,991,000.00         (95) ROADWAY IMPROVEMENT COST:       \$200,000.00         (96) TOTAL PROJECT COST:       \$2,987,000.00
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 111.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 134.5 FT (51) BRIDGE CURB TO CURB WIDTH: 137.8 FT (52) BRIDGE OUT TO OUT WIDTH: 137.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER (34) BRIDGE SKEW: 5 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 66.0 FT	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       000N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS       N         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       111.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,991,000.00         (95) ROADWAY IMPROVEMENT COST:       \$200,000.00         (96) TOTAL PROJECT COST:       \$2,987,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT  (49) TOTAL BRIDGE LENGTH: 111.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 134.5 FT  (51) BRIDGE CURB TO CURB WIDTH: 137.8 FT  (52) BRIDGE OUT TO OUT WIDTH: 137.8 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT  (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: NO FLARE  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 66.0 FT  (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TROUBLE CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 111.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 134.5 FT (51) BRIDGE CURB TO CURB WIDTH: 137.8 FT (52) BRIDGE OUT TO OUT WIDTH: 137.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER (34) BRIDGE SKEW: 5 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 66.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TROUBLE CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (97) 9/27/2018
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT  (49) TOTAL BRIDGE LENGTH: 111.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 134.5 FT  (51) BRIDGE CURB TO CURB WIDTH: 137.8 FT  (52) BRIDGE OUT TO OUT WIDTH: 137.8 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT  (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: NO FLARE  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 66.0 FT  (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD  (55b) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (80) TRAFFIC SAFETY FEATURES: (90) DATE OF LAST REGULAR INSPECTION: (75) TYPE OF WORK: (76) LENGTH OF BRIDGE IMPROVEMENTS (77) ROADWAY IMPROVEMENT COST: (98) ROADWAY IMPROVEMENT COST: (99) DATE OF LAST REGULAR INSPECTION: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92) REGULAR INSPECTION FREQUENCY (MONTHS): (94) REGULAR INSPECTION FREQUENCY (MONTHS): (95) ROADWAY IMPROVEMENT COST ESTIMATE: (96) DATE OF LAST REGULAR INSPECTION: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (98) REGULAR INSPECTION FREQUENCY (MONTHS): (99) PREGULAR INSPECTION FREQUENCY (MONTHS): (90) PREGULAR INSPECTION FREQUENCY (MONTHS): (91) PREGULAR INSPECTION FREQUENCY (MONTHS): (91) PREGULAR INSPECTION FREQUENCY (MONTHS):
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 111.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 134.5 FT (52) BRIDGE OUT TO OUT WIDTH: 137.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 133.9 FT (33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER (34) BRIDGE SKEW: 5 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 66.0 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	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (90) DATE OF LAST UNDERWATER INSP (MO/YR):  (75) TYPE OF WORK: (76) LENGTH OF BRIDGE IMPROVEMENTS (77) ROADWAY IMPROVEMENT: (94) BRIDGE IMPROVEMENT: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (98) DATE OF LAST REGULAR INSPECTION: (97) PEGULAR INSPECTION FREQUENCY (MONTHS): (98) DATE OF LAST UNDERWATER INSP (MO/YR): (99) DATE OF LAST UNDERWATER INSP (MO/YR): (90) DATE OF LAST UNDERWATER INSP (MO/YR):

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33100240043 BRIDGE OWNER: STATE OF TENNESSEE

> FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: DODDS AVE (FAU 3557) LOCATION: 2 MI FROM EAST RIDGE

COUNTY: HAMILTON ROUTE: 10024 SPECIAL CASE: 0 COUNTY SEQUENCE: 2 LOG MILE: 10.43

#### IDENTIFICATION

(16a,b) LATITUDE:	N	35.01462	DEGREES	
(17a,b) LONGITUDE:	W	85.27468	<b>DEGREES</b>	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	
(00) BODDED BDIDGE NUMBER				

#### AGE AND SERVICE — (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: HIG (42b) UNDER BRIDGE: HIG (28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:

	GEOMETRIC DATA
65.9 FT	(48) MAXIMUM SPAN LENGTH:
215.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
129.9 FT	(51) BRIDGE CURB TO CURB WIDTH:
136.2 FT	(52) BRIDGE OUT TO OUT WIDTH:
129.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
- WITH BARRIER	(33) BRIDGE MEDIAN: CLOSED MEDIAN
	(0.4) DDIDOE OKEW

		(,
AN - WITH BARRIER	N: CLOSED MEI	(33) BRIDGE MEDIAN:
5 DEGREES		(34) BRIDGE SKEW:
YES, FLARED	· ·	(35) BRIDGE FLARE:
NO RESTRICTION	. CLEARANCE OVER RD:	(520) MIN VERTICAL CI
WAY: <b>65.0 FT</b>	AL CLEARANCE ON ROAI	(47) MIN HORIZONTAL
Y BENEATH BRIDGE	CLR: <b>HIGHW</b>	(54a) VERT UNDERCLE
28.84 FT	. UNDERCLEARANCE:	(54b) MIN VERTICAL UI
Y BENEATH BRIDGE	CLR: <b>HIGHW</b>	(55a) HORZ UNDERCLE
8.86 FT	DERCLR ON RIGHT:	(55b) MIN HORZ UNDER

# 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

(	N/A	(98b) PERCENT SHARE:
(	NOT APPLICABLE	(99) BORDER BRIDGE NUMBE
(	ID MATERIAL ———	BRIDGE TYPE
(	EL CONTINUOUS	(43a) MAIN SPAN MATERIAL:
(	APPLICABLE	(44a) APPR SPAN MATERIAL:
		(45) NILIMPED OF MAIN CDANG
	4	(45) NUMBER OF MAIN SPANS
(	NS: <b>0</b>	(46) NUMBER OF APPROACH
(	TYPE OF DECK: CONCRETE CAST-IN-PLACE	
(	(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	
(	MONOLITHIC CONCRETE	A) TYPE OF SURFACE:
(	NONE	B) TYPE MEMBRANE:
-	EPOXY COATED REINFORCING	C) TYPE PROTECTION:

RCING	
1963 1987 GHWAY	(31) D WEIG WEIG (70) B (41) V
SHWAY 8 4	(67) S (68) D
5.9 FT 5.9 FT 0.0 FT 0.0 FT	(69) U (71) W (72) A (36) T (113)
6.2 FT 9.9 FT ARRIER GREES LARED	(75) 7 (76) (94) (95)
CTION	(96)

	(68
5.9 FT	(69
5.9 FT	(71
0.0 FT	(72
0.0 FT	(36
	(11
9.9 FT	
6.2 FT	/75
9.9 FT	(75
RRIER	(76
GREES	(94
LARED	(95
ICTION	(96
5.0 FT	(97
RIDGE	_
3.84 FT	(90
RIDGE	(91
8.86 FT	(93
3.94 FT	(92
	(93
CABLE	(92
N/A	

CLASSII ICATION	
(112) MEETS NBIS BRIDGE LENGTH:	YES
(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(102) TRAFFIC DIR:	2-WAY TRAFFIC
(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK
(37) HISTORICAL CLASS: HISTORICAL S NOT BEEN DE	
——— CONDITION RATING	3S <del></del>

SUFFICIENCY RATING: 76.6

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

N	(62) COLVERT CONDITION (IF APPLICABLE)
OSTING ———	DESIGN LOAD AND WEIGHT
501t5	DEGICIT EGYLD FILED TVEIGHT
HS-20-44	(31) DESIGN LOADING:
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):

SHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS** BRIDGE POSTING CODE:

NT POSTING STATUS: OPEN

APPRAISAL	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	5
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	100N
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	BRIDGE REHABILITATION	
(76)	LENGTH OF BRIDG	GE IMPROVEMENT:	215.9 FT
(94)	BRIDGE IMPROVE	MENT COST:	\$3,911,000.00
(95)	ROADWAY IMPRO	VEMENT COST:	\$392,000.00
(96)	TOTAL PROJECT	COST:	\$5,867,000.00
(97)	YEAR OF IMPROV	EMENT COST ESTIMATE:	2018
	INS	PECTION DATES —	

9/20/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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(56) MIN HORZ UNDERCLR ON LEFT:



COUNTY: HAMILTON

YES

7

7

7

Ν

Ν

7

9

3

Ν

8

Ν

1111

233.9 FT

2020

24

N/A

N/A

Ν

Ν

9/25/2018

HS-20-44

BRIDGE ID NUMBER: 33100240045

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: SR 8 (US41) WESTSIDE DR.

LOCATION: 2 MI S OF SR27

#### SPECIAL CASE: 0

ROUTE: 10024

COUNTY SEQUENCE: 2

LOG MILE: 10.53 SUFFICIENCY RATING: 76.0

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.01437 DEGREES (17a,b) LONGITUDE: 85.27308 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED** CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1963 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1987 (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 64.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 233.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 122 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 126 FT (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 122.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: \$3.902.000.00 (34) BRIDGE SKEW: 25 DEGREES (95) ROADWAY IMPROVEMENT COST: \$391,000.00 (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: \$5,854,000.00 (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 54.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 21.03 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): **NOT APPLICABLE** (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS): (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33100240050

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-24** 

CROSSING: MISSIONARY RIDGE

LOCATION: 1 MI FROM SR17

COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

LOG MILE: 11.07 SUFFICIENCY RATING: 77.1

LOCATION. I WILFROW SKIT	SUFFICIENCY RATING. 11.1
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.02232 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.26113 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: <b>NOT APPLICABLE</b>
(43a) MAIN SPAN MATERIAL: CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 35	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>7</b>
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 5
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 5
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: PREFORMED FABRIC	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1964	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: OTHER	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 3	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 40.0 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 1279.9 FT	(71) WATERWAY ADEQUACY: N
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 100N
(51) BRIDGE CURB TO CURB WIDTH: 47.9 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 51.5 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 47.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 1279.9 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$2,387,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$239,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$3,581,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 48.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 10/22/2018
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N

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N/A

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(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

NAVIGATION DATA

**NOT APPLICABLE** 

N/A

N/A

N/A



BRIDGE ID NUMBER: 33100240049

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-24

CROSSING: MISSIONARY RIDGE

IDENTIFICATION

LOCATION: 1.1 MI FROM SR17

#### COUNTY: HAMILTON ROUTE: 10024

SPECIAL CASE: 0

COUNTY SEQUENCE: 2

SUFFICIENCY RATING: 90.3

LOG MILE: 11.13

#### CLASSIFICATION =

(16a,b) LATITUDE:	N	35.02003 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.26563 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND N	<b>IAT</b> I	ERIAL ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

0

(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

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

(45) NUMBER OF MAIN SPANS:	9
(46) NUMBER OF APPROACH SPANS:	
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **ASPHALT** A) TYPE OF SURFACE:

B) TYPE MEMBRANE: PREFORMED FABRIC

C) TYPE PROTECTION: NONE

#### AGE AND SERVICE =

1965	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
OTHER	(42b) UNDER BRIDGE:
3	(28a) NUMBER OF LANES CARRIED BY BRIDGE:

#### GEOMETRIC DATA

(28b) NUMBER OF LANES UNDER THE BRIDGE:

40.0 FT	(48) MAXIMUM SPAN LENGTH:
339.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
49.5 FT	(51) BRIDGE CURB TO CURB WIDTH:
51.5 FT	(52) BRIDGE OUT TO OUT WIDTH:
48.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
OPEN MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(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

**PUBLICATION DATE** 19-Mar-20

#### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

#### V DDD VIC VI

	APPRAISAL
6	(67) STRUCTURAL EVALUATION:
4	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
1N1N	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:
1N1	(72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES =

10/22/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33100240055

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: GERMANTOWN RD (FAU 3577)

LOCATION: IN CHATTANOOGA

## COUNTY: HAMILTON

ROUTE: 10024 SPECIAL CASE: 0

COUNTY SEQUENCE: 2 LOG MILE: 12.08

SUFFICIENCY RATING: 72.4

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: Ν 35.01432 DEGREES

(16a,b) LATITUDE: (17a,b) LONGITUDE: 85.25217 DEGREES (98a) BORDER 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: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**ASPHALT** A) TYPE OF SURFACE: 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 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 6 (28b) NUMBER OF LANES UNDER THE BRIDGE: 4

#### ■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 45.9 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: 78.1 FT (52) BRIDGE OUT TO OUT WIDTH: 100.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 78.1 FT **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE 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: 45.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 14.44 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 6.89 FT

(56) MIN HORZ UNDERCLR ON LEFT:

NAVIGATION DATA = (38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: N/A

6.56 FT

(116) LIFT BRIDGE VERT CLEARANCE: N/A N/A

(40) NAVIGATION HORZ CLEARANCE:

YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

(26) FUNCTIONAL CLASS: **URBAN INTERSTATE** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

#### CONDITION RATINGS

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

#### 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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 3 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 166 FT (94) BRIDGE IMPROVEMENT COST: \$2.164.000.00 (95) ROADWAY IMPROVEMENT COST: \$217,000.00

(96) TOTAL PROJECT COST: \$3,247,000.00

(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): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

BRIDGE ID NUMBER: 33100240071

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-24

CROSSING: SMALL BRANCH

LOCATION: I-24 NEAR EAST RIDGE

#### ROUTE: 10024 SPECIAL CASE: 0

COUNTY SEQUENCE: 2

LOG MILE: 13.50

SUFFICIENCY RATING: 92.8

IDENTIFICATION —	
(16a,b) LATITUDE: N 35.00592 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.22892 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(44a) AFFIX SFAN WATENIAL. NOT AFFLICABLE	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N
(107) TYPE OF DECK: NOT APPLICABLE	(59) SUPERSTRUCTURE: N
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: N
A) TYPE OF SURFACE: NONE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 6
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): 7
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1960	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 1	APPRAISAL
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: N
(48) MAXIMUM SPAN LENGTH: 7.9 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 25.9 FT	(71) WATERWAY ADEQUACY: 7
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000
(51) BRIDGE CURB TO CURB WIDTH: UNDER FILL	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: UNDER FILL	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT	(75) TYPE OF WORK: <b>NOT APPLICABLE</b>
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 45 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 10/2/2018
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

**NOT APPLICABLE** 

N/A

N/A

N/A

**NO NAVIGATION CONTROL** 

**PUBLICATION DATE** 19-Mar-20

(38) NAV CONTROL:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(39) NAVIGATION VERTICAL CLEARANCE:

- NAVIGATION DATA -

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N/A

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: 10024

BRIDGE ID NUMBER: 33100240075 BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: I-24 COUNTY SEQUENCE: 2 LOG MILE: 13.58 CROSSING: BRANCH LOCATION: 1 MI. NORTH EAST RIDGE SUFFICIENCY RATING: 43.5

**NOT APPLICABLE** 

7.9 FT

30.8 FT

## IDENTIFICATION

(16a,b) LATITUDE: Ν 35.00348 DEGREES (17a,b) LONGITUDE: 85.22703 DEGREES (98a) BORDER 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

C) TYPE PROTECTION:

(48) MAXIMUM SPAN LENGTH:

(49) TOTAL BRIDGE LENGTH:

(45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: n (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** 

#### AGE AND SERVICE \*

(27) YEAR THE BRIDGE WAS BUILT: 1960 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 6 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### ■ GEOMETRIC DATA •

(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 255.9 FT (33) BRIDGE MEDIAN: **OPEN 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 **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

- CLASSIFICATION

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

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** 

#### **CONDITION RATINGS**

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

#### 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:

(41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 30.8 FT (94) BRIDGE IMPROVEMENT COST: \$408,000.00 (95) ROADWAY IMPROVEMENT COST: \$41,000.00 (96) TOTAL PROJECT COST: \$613,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 10/2/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33100750009 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE **ROUTE: 10075** FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: I-75 COUNTY SEQUENCE: 1 CROSSING: BIG SPRING CREEK LOG MILE: 1.17 LOCATION: 1.9 MI N OF SR-8 JCT. SUFFICIENCY RATING: 92.8 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.00118 DEGREES (17a,b) LONGITUDE: 85.21073 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE

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

AGE AND SERVICE = (27) YEAR THE BRIDGE WAS BUILT: 1959 (106) YEAR THE BRIDGE WAS REHABILITATED: 1989 (42a) SERVICE ON BRIDGE: **HIGHWAY** (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 ■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 36.1 FT 107.0 FT (49) TOTAL BRIDGE LENGTH: (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: 65.9 FT (33) BRIDGE MEDIAN: **OPEN MEDIAN** (34) BRIDGE SKEW: 9 DEGREES (35) BRIDGE FLARE: YES. FLARED (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 70.0 FT

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

NAVIGATION DATA =

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

**PUBLICATION DATE** 19-Mar-20

YES **NHS ROUTE URBAN INTERSTATE RIGHT LANE BRIDGE** 1-WAY TRAFFIC **NOT APPLICABLE** 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): Ν

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:

(41) WT POSTING STATUS: **OPEN** 

**APPRAISAL** (67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 7 (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 8 (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: 7/18/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33100750010

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-75

CROSSING: BIG SPRING CREEK

LOCATION: 1.9 MI N OF SR-8 JCT.

#### COUNTY: HAMILTON ROUTE: 10075

ON TRUCK NETWORK

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 1.17 SUFFICIENCY RATING: 92.9

#### IDENTIFICATION -CLASSIFICATION =

(16a,b) LATITUDE:	N	35.00107 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.21138 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
PRIDCE TYPE AND A	4 A T	EDIAI ————	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

3	(45) NUMBER OF MAIN SPANS:
NS: <b>0</b>	(46) NUMBER OF APPROACH SPA
CONCRETE CAST-IN-PLACE	(107) TYPE OF DECK:
E AND DECK PROTECTION:	(108) TYPE OF WEARING SURFAC
MONOLITHIC CONCRETE	A) TYPE OF SURFACE:
NONE	B) TYPE MEMBRANE:
<b>EPOXY COATED REINFORCING</b>	C) TYPE PROTECTION:

#### AGE AND SERVICE

1959	27) YEAR THE BRIDGE WAS BUILT:
1989	106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	42a) SERVICE ON BRIDGE:
WATERWAY	42b) UNDER BRIDGE:
4	28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA -

36.1 FT	(48) MAXIMUM SPAN LENGTH:
107.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
71.9 FT	(51) BRIDGE CURB TO CURB WIDTH:
75.1 FT	(52) BRIDGE OUT TO OUT WIDTH:
65.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH
<b>OPEN MEDIAN</b>	(33) BRIDGE MEDIAN:
17 DEGREES	(34) BRIDGE SKEW:
YES, FLARED	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
VAY: <b>70.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROAD
NAV OP PAII POAD	(54a) VEDT LINDEDCLD: NOT A HIGH

(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD

(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA =

(38) NAV CONTROL: NO NAVIGATION CONTROL

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

#### NATIONAL REGISTER CONDITION RATINGS

(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE

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

#### DESIGN LOAD AND WEIGHT POSTING

IN LOADING: HS-	20-44
OSTING (2 AXLE VEHICLES): ALL LEGAL LO	DADS
OSTING (3 OR MORE AXLES): ALL LEGAL LO	DADS
E POSTING CODE:	5

(41) WT POSTING STATUS: **OPFN** 

(110) NATIONAL TRUCK ROUTE:

APPRAISAL -	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	7
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	8
(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:	7/17/2018
(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



COUNTY: HAMILTON

**ROUTE: 10075** 

LOG MILE: 1.29

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33100750013

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-75

CROSSING: 175 NB TO 124 WB

LOCATION: I-24 JUNCTION

# CLASSIFICATION -

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 74.5

IDENTIFICAT			
(16a,b) LATITUDE:	N	35.00292 DEGREES	(112) MEETS NBIS BRIDGE LENGTH
(17a,b) LONGITUDE:	W	85.21208 DEGREES	(104) NATIONAL HIGHWAY SYSTEM
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:

UNKNOWN

2

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(45) NUMBER OF MAIN SPANS:

C) TYPE PROTECTION:

(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	OTHER
(108) TYPE OF WEARING SURFACE AND DECK PROT	ECTION:
A) TYPE OF SURFACE:	<b>ASPHALT</b>
B) TYPE MEMBRANE:	UNKNOWN

#### AGE AND SERVICE \* (27) YEAR THE BRIDGE WAS BUILT: 1959 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

GEOMETRIC DATA				
(48) MAXIMUM SPAN LENGTH:	50.9 FT			
(49) TOTAL BRIDGE LENGTH:	148.0 FT			
(50a) LEFT SIDEWALK WIDTH:	0.0 FT			
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT			
(51) BRIDGE CURB TO CURB WIDTH:	29.9 FT			
(52) BRIDGE OUT TO OUT WIDTH:	36.4 FT			
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	42.0 FT			

(33) BRIDGE MEDIAN:	NO MEDIAN
(34) BRIDGE SKEW:	<b>46 DEGREES</b>
(35) BRIDGE FLARE:	NO FLARE
(520) MIN VERTICAL CLEARANCE OVER RD:	NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON ROADWA	Y: <b>30.0 FT</b>
(54a) VERT UNDERCLR: HIGHWAY B	ENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE:	16.83 FT
(55a) HORZ UNDERCLR: HIGHWAY B	ENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIGHT:	9.84 FT
(56) MIN HORZ UNDERCLR ON LEFT:	5.91 FT

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

NAVIGATION DATA

	(112)	MEETS NBIS BRID
	,	
	(104)	NATIONAL HIGHW
	(26)	FUNCTIONAL CLA
	(101)	PARALLEL BRIDG
	(102)	TRAFFIC DIR:
i	(103)	TEMPORARY BRID
	(440)	NIATIONIAL TOUGH

·H YES **NHS ROUTE URBAN INTERSTATE NO PARALLEL BRIDGE** 1-WAY TRAFFIC DGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** 

#### **CONDITION RATINGS**

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

#### **DESIGN LOAD AND WEIGHT POSTING =**

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

APPRAISAL	
(67) STRUCTURAL EVALUATION:	

(68) DECK GEOMETRY:	4
(69) UNDERCLEARANCE RATING:	7
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	6
(36) TRAFFIC SAFETY FEATURES:	1111
(113) SCOUR CONDITION RATING:	N

6

148 FT

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** NEEDED)

(76) LENGTH OF BRIDGE IMPROVEMENT:

(94)	BRIDGE IMPROVEMENT COST:	\$1,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$1,000.00
(96)	TOTAL PROJECT COST:	\$2,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2019

#### INSPECTION DATES

7/19/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33100240067

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-75

CROSSING: I-75 / I-24 EB

LOCATION: I-24 JUNCTION

COUNTY: HAMILTON

ROUTE: 10075

CLASSIFICATION	
CL ACCIEICATION	
SUFFICIENCY RATING:	76.6
LOG MILE:	1.38

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOCATION. 1-24 JUNCTION	SUFFICIENCY RATING. 10.0
IDENTIFICATION	
(16a,b) LATITUDE: N 35.00428 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:
(17a,b) LONGITUDE: W 85.21160 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAI
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARA
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR:
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NO
	(110) NATIONAL TRUCK ROUTE: ON TRU
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICA
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	NOT BEEN DETERMINE
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK:
(107) TYPE OF DECK: OTHER	(59) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION
B) TYPE MEMBRANE: UNKNOWN	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: UNKNOWN	DESIGN LOAD AND WEIGHT POST
AGE AND SERVICE	(31) DESIGN LOADING:
(27) YEAR THE BRIDGE WAS BUILT: 1959	WEIGHT POSTING (2 AXLE VEHICLES): ALL
(106) YEAR THE BRIDGE WAS BOILT.  (106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE:
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION:
GEOMETRIC DATA	(68) DECK GEOMETRY:
(48) MAXIMUM SPAN LENGTH: 67.9 FT	(69) UNDERCLEARANCE RATING:
(49) TOTAL BRIDGE LENGTH: 184.1 FT	(71) WATERWAY ADEQUACY:
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT:
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES:
(51) BRIDGE CURB TO CURB WIDTH: 29.9 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 36.4 FT	RECOMMENDED IMPROVEMENT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DE NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:
(34) BRIDGE SKEW: 51 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 16.44 FT	(90) DATE OF LAST REGULAR INSPECTION:
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS)
(55b) MIN HORZ UNDERCLR ON RIGHT: 9.84 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
(56) MIN HORZ UNDERCLR ON LEFT: 6.89 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS):

(112) MEETS NBIS BRIDGE LENGTH:	YES
	NHS ROUTE
	NTERSTATE
	EL BRIDGE
	AY TRAFFIC
( 1 )	PPLICABLE
	NETWORK
(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANO NOT BEEN DETERMINED	CE HAS
——— 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	3 ——
(31) DESIGN LOADING: HS-	20-44 +MOD
	GAL LOADS
,	GAL LOADS
(70) BRIDGE POSTING CODE:	5
(41) WT POSTING STATUS: <b>OPEN</b>	
• •	
APPRAISAL	
• •	7
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY:	7 4
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING:	4
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY:	4 4 N
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT:	4 4 N 6
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES:	4 4 N 6 100N
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:	4 4 N 6
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS	4 N 6 100N
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:	4 N 6 100N
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK	4 N 6 100N
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK NEEDED)	4 A N 6 100N N
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT:	4 4 N 6 100N N REPAIRS
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST:	4 4 N 6 100N N REPAIRS 184.1 FT \$1,000.00
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:	4 N 6 100N N REPAIRS 184.1 FT \$1,000.00 \$1,000.00
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:	4 N 6 100N N REPAIRS 184.1 FT \$1,000.00 \$1,000.00 \$2,000.00
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:	4 N 6 100N N REPAIRS 184.1 FT \$1,000.00 \$1,000.00 \$2,000.00
APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES	4 4 N 6 100N N REPAIRS 184.1 FT \$1,000.00 \$1,000.00 \$2,000.00 2018

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

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N/A

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

N/A

N/A

N/A



YES

7

7

7

Ν

Ν

7

9

3

Ν

Ν

N/A

100N

**NHS ROUTE** 

1-WAY TRAFFIC

HS-20-44 +MOD

ALL LEGAL LOADS

ALL LEGAL LOADS

**NOT APPLICABLE** 

ON TRUCK NETWORK

**URBAN INTERSTATE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33100240069 COUNTY: HAMILTON **ROUTE: 10075** BRIDGE OWNER: STATE OF TENNESSEE FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: I-75 COUNTY SEQUENCE: 1 CROSSING: 124 EB TO 175 NB LOG MILE: 1.41 LOCATION: JCT I-24 - I-75 SUFFICIENCY RATING: 86.9 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.00410 DEGREES (17a,b) LONGITUDE: 85.21323 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING = **EPOXY COATED REINFORCING** C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1959 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: 1996 (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NILIMBED OF LANES CADDIED BY BRIDGE. (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY:

(28a) NUMBER OF LANES CARRIED BY BRIDG	i⊨: 2
(28b) NUMBER OF LANES UNDER THE BRIDG	E: <b>2</b>
GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	67.9 FT
(49) TOTAL BRIDGE LENGTH:	169.0 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	38.4 FT
(52) BRIDGE OUT TO OUT WIDTH:	40.4 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDT	H: <b>42.0 FT</b>
(33) BRIDGE MEDIAN:	NO MEDIAN
(34) BRIDGE SKEW:	51 DEGREES
(35) BRIDGE FLARE:	NO FLARE
(520) MIN VERTICAL CLEARANCE OVER RD:	NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON ROAD	WAY: <b>41.0 FT</b>
(54a) VERT UNDERCLR: <b>HIGHWA</b>	Y BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE:	16.27 FT
(55a) HORZ UNDERCLR: <b>HIGHWA</b>	Y BENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIGHT:	8.86 FT
(56) MIN HORZ UNDERCLR ON LEFT:	6.89 FT

 INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 7/19/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST

RECOMMENDED IMPROVEMENTS

**NOT APPLICABLE** 

(69) UNDERCLEARANCE RATING:

(113) SCOUR CONDITION RATING:

(94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES:

(76) LENGTH OF BRIDGE IMPROVEMENT:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(71) WATERWAY ADEQUACY:

(75) TYPE OF WORK:

(40) NAVIGATION HORZ CLEARANCE: N/A This document is covered by 23 USC §409 and its production pursuant to a public document records request does not

N/A

N/A

**NOT APPLICABLE** 

waive the provisions of §409

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(38) NAV CONTROL:



COUNTY: HAMILTON

ROUTE: 10075

LOG MILE: 1.91

BRIDGE ID NUMBER: 33100750019 BRIDGE OWNER: STATE OF TENNESSEE FIPS CODE: **14000** SPECIAL CASE: 0

ROAD NAME: I-75

CROSSING: SOUTH CHICKAMAUGA CREEK LOCATION: .5 MI I24I75 INTERCHANGE

#### CLASSIFICATION -

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 78.0

IDENTIFICATIO	N ———		
(16a,b) LATITUDE:	N 35.00743 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	V 85.20222 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MA	TERIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
BINIDGE I II E AND MA		(110) NATIONAL TRUCK ROLLE.	ON TRUCK NETWORK

66.9 FT

266.1 FT

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

4	(45) NUMBER OF MAIN SPANS:
ANS: 0	(46) NUMBER OF APPROACH SI
CONCRETE PRECAST PANELS	(107) TYPE OF DECK:
CE AND DECK PROTECTION:	(108) TYPE OF WEARING SURFA
MONOLITHIC CONCRETE	A) TYPE OF SURFACE:
NONE	B) TYPE MEMBRANE:
<b>EPOXY COATED REINFORCING</b>	C) TYPE PROTECTION:

# AGE AND SERVICE

1960	7) YEAR THE BRIDGE WAS BUILT:
1992	06) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	2a) SERVICE ON BRIDGE:
WATERWAY	2b) UNDER BRIDGE:
8	Ba) NUMBER OF LANES CARRIED BY BRIDGE:
0	Bb) NUMBER OF LANES UNDER THE BRIDGE:

### GEOMETRIC DATA

0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
124.3 FT	(51) BRIDGE CURB TO CURB WIDTH:
129.9 FT	(52) BRIDGE OUT TO OUT WIDTH:
H: <b>124.0 FT</b>	(32) APPROACH ROADWAY (W/ SHLDS) WIDT
IAN - WITH BARRIER	(33) BRIDGE MEDIAN: CLOSED MED
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
WAY: <b>62.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROAD
IWAY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGH
NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:

#### (56) MIN HORZ UNDERCLR ON LEFT:

(55b) MIN HORZ UNDERCLR ON RIGHT:

NAVIGATION DATA = (38) NAV CONTROL: NO NAVIGATION CONTROL

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(55a) HORZ UNDERCLR:

(48) MAXIMUM SPAN LENGTH:

(49) TOTAL BRIDGE LENGTH:

(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK
	IICAL SIGNIFICANCE HAS IEN DETERMINED
——— CONDITION RA	ATINGS ———
(58) DECK:	6
(59) SUPERSTRUCTURE:	6
(60) SUBSTRUCTURE:	7
(61) STREAM CHANNEL AND CHANN	EL PROTECTION: 7
(58) DECK: (59) SUPERSTRUCTURE: (60) SUBSTRUCTURE:	6 6 7

#### DESIGN LOAD AND WEIGHT POSTING

(62) CULVERT CONDITION (IF APPLICABLE):

(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	
APPRAISAI	

APPRAISAL —	
(67) STRUCTURAL EVALUATION:	6
(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:	BRIDGE REHABILITATION	
/7C\	LENCTH OF BRIDA	OF IMPROVEMENT.	

	INSPECTION DATES	
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2018
(96)	TOTAL PROJECT COST:	\$6,875,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$459,000.00
(94)	BRIDGE IMPROVEMENT COST:	\$4,583,000.00
(76)	LENGTH OF BRIDGE IMPROVEMENT:	266.1 FT

#### INSPECTION DATES =

7/18/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: 10075

LOG MILE: 2.68

NOT BEEN DETERMINED

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 77.0

BRIDGE ID NUMBER: 33100750023

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-75** 

CROSSING: CSX RAILROAD

LOCATION: 1.4 MI N OF I-24 JUNCTION

IDENTIFICATION .

#### - CLASSIEICATION -

IDENTIFICATION				
(16a,b) LATITUDE:	N	35.01100 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.18937 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND	ΜΔΤΙ	FRIAI ————	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
DINDOL III LAND			(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK

50.9 FT

13.12 FT

N/A

**NOT APPLICABLE** 

**RAILROAD BENEATH BRIDGE** 

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

3	(45) NUMBER OF MAIN SPANS:
NS: <b>0</b>	(46) NUMBER OF APPROACH SPA
CONCRETE PRECAST PANELS	(107) TYPE OF DECK:
E AND DECK PROTECTION:	(108) TYPE OF WEARING SURFACE
MONOLITHIC CONCRETE	A) TYPE OF SURFACE:
NONE	B) TYPE MEMBRANE:
<b>EPOXY COATED REINFORCING</b>	C) TYPE PROTECTION:

#### AGE AND SERVICE

1960	YEAR THE BRIDGE WAS BUILT:	(27)
1992	) YEAR THE BRIDGE WAS REHABILITATED:	(106
HIGHWAY	) SERVICE ON BRIDGE:	(42a
RAILROAD	) UNDER BRIDGE:	(42b
8	) NUMBER OF LANES CARRIED BY BRIDGE:	(28a
0	) NUMBER OF LANES UNDER THE BRIDGE:	(28b

#### - GEOMETRIC DATA -

(49) TOTAL BRIDGE LENGTH: 140.1	FT
(50a) LEFT SIDEWALK WIDTH: 0.0	FT
(50b) RIGHT SIDEWALK WIDTH: 0.0	FT
(51) BRIDGE CURB TO CURB WIDTH: 124.3	FΤ
(52) BRIDGE OUT TO OUT WIDTH: 129.9	FΤ
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 124.0	FT
(33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRII	ΕR
(34) BRIDGE SKEW: 32 DEGREI	ES
(35) BRIDGE FLARE: NO FLAI	RE
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	NC
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 64.0	FT
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDG	ЗE
(54b) MIN VERTICAL UNDERCLEARANCE: 22.01	FΤ

# (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA

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

PUBLICATION DATE

(40) NAVIGATION HORZ CLEARANCE:

(55a) HORZ UNDERCLR:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(48) MAXIMUM SPAN LENGTH:

19-Mar-20

#### CONDITION RATINGS

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

(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

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

(41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

	ALLINAISAE
7	(67) STRUCTURAL EVALUATION:
9	(68) DECK GEOMETRY:
5	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
1000	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	BRIDGE REHABILITATION
--------------------	-----------------------

140.1 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$2,382,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$239,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$3,574,000.00	TOTAL PROJECT COST:	(96)
2018	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)
	INCREATION DATES	

#### INSPECTION DATES

7/18/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: 10075

LOG MILE: 3.36

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 84.0

BRIDGE ID NUMBER: 33100750077

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-75

CROSSING: SMALL BRANCH

IDENTIFICATI	ON		CLAS	SIFICATION ————
(16a,b) LATITUDE:	N	35.01547 DEGREES	(112) MEETS NBIS BRIDGE	LENGTH: YES
(17a,b) LONGITUDE:	W	85.17877 DEGREES	(104) NATIONAL HIGHWAY	SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN INTERSTATE
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND M	ΔΤΙ	FRIAI ———	(103) TEMPORARY BRIDGE	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRE			(110) NATIONAL TRUCK RO	UTE: ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APP			(37) HISTORICAL CLASS:	HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED

# CONDITION RATINGS =

,	•		
6) NUMBER OF APPROACH SPANS:	0	(58) DECK:	N
07) TYPE OF DECK:	NOT APPLICABLE	(59) SUPERSTRUCTURE:	N
(08) TYPE OF WEARING SURFACE AND DECK	PROTECTION:	(60) SUBSTRUCTURE:	N
) TYPE OF SURFACE:	NOT APPLICABLE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
, ) TYPE MEMBRANE:	NOT APPLICABLE	(62) CULVERT CONDITION (IF APPLICABLE):	7

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

	APPRAISAL
7	(67) STRUCTURAL EVALUATION:
N	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
5	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
NN1N	(36) TRAFFIC SAFETY FEATURES:
8	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: N	OT APPLICABLE
----------------------	---------------

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

- (94) BRIDGE IMPROVEMENT COST:
- (95) ROADWAY IMPROVEMENT COST:
- (96) TOTAL PROJECT COST:
- (97) YEAR OF IMPROVEMENT COST ESTIMATE:

# INSPECTION DATES

7/2/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
1	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

CROSSING: SMALL BRANCH Location: 2 mi North Tn. Ga.St.Line	
35.01547 DEGREES 85.17877 DEGREES N/A N/A NOT APPLICABLE	
RIAL	
ONTINUOUS BLE	
3 0 NOT APPLICABLE CK PROTECTION: NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE	
1960 ED: N/A HIGHWAY WATERWAY GE: 2 GE: 0	
<del></del>	
9.8 FT 34.1 FT 0.0 FT 0.0 FT UNDER FILL UNDER FILL FH: 42.0 FT EDIAN - NO BARRIER 25 DEGREES NO FLARE	
NO RESTRICTION DWAY: 28.0 FT HWAY OR RAILROAD NOT APPLICABLE HWAY OR RAILROAD	
NOT APPLICABLE NOT APPLICABLE	
AVIGATION CONTROL N/A N/A N/A	



COUNTY: HAMILTON

ROUTE: 10075

BRIDGE ID NUMBER: 33100750027

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-75

CROSSING: E.BRAINARD RD (SR 320)

LOCATION: I-75 / SR-320

# SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 3.43

SUFFICIENCY RATING: 94.0

#### IDENTIFICATION

(16a,b) LATITUDE: N 35.01697 DEGREES (17a,b) LONGITUDE: 85.17875 DEGREES (98a) BORDER 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

4	(45) NUMBER OF MAIN SPANS:
S: <b>0</b>	(46) NUMBER OF APPROACH SI
ONCRETE PRECAST PANELS	(107) TYPE OF DECK:
AND DECK PROTECTION:	(108) TYPE OF WEARING SURFA
MONOLITHIC CONCRETE	A) TYPE OF SURFACE:
NONE	B) TYPE MEMBRANE:
POXY COATED REINFORCING	C) TYPE PROTECTION:

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT:
(106) YEAR THE BRIDGE WAS REHABILITATED:
(42a) SERVICE ON BRIDGE:
(42b) UNDER BRIDGE:
(28a) NUMBER OF LANES CARRIED BY BRIDGE:
(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA

	OLOMETIMO DATA	
69.9 FT	/IUM SPAN LENGTH:	(4
216.9 FT	_ BRIDGE LENGTH:	(4
0.0 FT	SIDEWALK WIDTH:	(5
0.0 FT	IT SIDEWALK WIDTH:	(5
149.9 FT	SE CURB TO CURB WIDTH:	(5
151.9 FT	SE OUT TO OUT WIDTH:	(5
68.9 FT	OACH ROADWAY (W/ SHLDS) WIDTH:	(3
N - WITH BARRIER	GE MEDIAN: CLOSED MEDIA	(3
37 DEGREES	SE SKEW:	(3
NO FLARE	SE FLARE:	(3
NO RESTRICTION	VERTICAL CLEARANCE OVER RD:	(5
/AY: <b>70.0 FT</b>	ORIZONTAL CLEARANCE ON ROADW	(4
BENEATH BRIDGE	TUNDERCLR: HIGHWAY	(5
15.94 FT	VERTICAL UNDERCLEARANCE:	(5
BENEATH BRIDGE	Z UNDERCLR: <b>HIGHWAY</b>	(5
4.92 FT	HORZ UNDERCLR ON RIGHT:	(5

#### 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

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

(56) MIN HORZ UNDERCLR ON LEFT:

# - CLASSIFICATION -

CEASON ISATION		
YES	(112) MEETS NBIS BRIDGE LENGTH:	
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:	
<b>URBAN INTERSTATE</b>	(26) FUNCTIONAL CLASS:	
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:	
2-WAY TRAFFIC	(102) TRAFFIC DIR:	
NOT APPLICABLE	(103) TEMPORARY BRIDGE:	
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:	
SIGNIFICANCE HAS TERMINED	(37) HISTORICAL CLASS: HISTORICAL S NOT BEEN DE	

#### **CONDITION RATINGS**

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

#### DESIGN LOAD AND WEIGHT POSTING =

(31) DESIGN LOADING:	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	

#### ADDRAIGAL

AFFINAISAL	
TURAL EVALUATION:	6
GEOMETRY:	9
CLEARANCE RATING:	4
WAY ADEQUACY:	N
ACH ROADWAY ALIGNMENT:	8
C SAFETY FEATURES:	1000
R CONDITION RATING:	N
DECOMMENDED MADDOVEMENTO	

#### RECOMMENDED IMPROVEMENTS

(15)	TIPEOF	WURN.	NOT APPLICABLE	
76)	LENGTH	OF BRIDG	SE IMPROVEMENT:	

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

2.95 FT

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

7/25/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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N/A



BRIDGE ID NUMBER: 33100750071

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-75

CROSSING: SMALL BRANCH

LOCATION: JCT I-75 & 4307

# COUNTY: HAMILTON

**ROUTE: 10075** 

YES

Ν

Ν

Ν

7

7

7

Ν

Ν

8

8

NNON

HS-20-44

SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 3.59

SUFFICIENCY RATING: 85.0

#### IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.01865 DEGREES (17a,b) LONGITUDE: 85.17705 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED** CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **NOT APPLICABLE** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1960 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 9.8 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 45.9 FT

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(72) APPROACH ROADWAY ALIGNMENT:

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**

26.0 FT

0.0 FT

0.0 FT

65.9 FT

**UNDER FILL** 

**UNDER FILL** 

**OPEN MEDIAN** 

45 DEGREES

NO RESTRICTION

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO FLARE** 

(90) DATE OF LAST REGULAR INSPECTION: 7/2/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

INSPECTION DATES

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(51) BRIDGE CURB TO CURB WIDTH:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(520) MIN VERTICAL CLEARANCE OVER RD:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

(52) BRIDGE OUT TO OUT WIDTH:



YES

Ν

Ν

Ν

7

5

5

Ν

N

7

8

8

**NN11** 

35.1 FT

2018

24

N/A

N/A

Ν

Ν

\$675,000.00

\$68,000.00

7/2/2018

\$1,013,000.00

HS-20-44

**NHS ROUTE** 

2-WAY TRAFFIC

BRIDGE ID NUMBER: 33100750029 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 10075 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: I-75 COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 4.08 LOCATION: SR-153 JUNCTION SUFFICIENCY RATING: 65.9 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.02475 DEGREES (17a,b) LONGITUDE: 85.17305 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (59) SUPERSTRUCTURE: **NOT APPLICABLE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1959 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 10 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 17.4 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 35.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 188.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 55 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 36.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS):

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(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

NAVIGATION DATA =

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A



COUNTY: HAMILTON

ROUTE: 10075

LOG MILE: 4.11

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 81.0

BRIDGE ID NUMBER: 33100750037

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-75

CROSSING: EXIT RP / I75 & SR153 RP

LOCATION: I-75 / SR-153 JCT

# - CLASSIFICATION -

(16a,b) LATITUDE:	N	35.02585	DEGREES	
(17a,b) LONGITUDE:	W	85.17290	DEGREES	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	

IDENTIFICATION

(99) BORDER BRIDGE NUMBER: NOT APPLICABLE

#### BRIDGE TYPE AND MATERIAL

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

MAIN SPANS:	6
APPROACH SPANS:	0
CK: CONCRETE CAS	ST-IN-PLACE
EARING SURFACE AND DECK PROTE	ECTION:
ACE: MONOLITHIC	CONCRETE
NE:	NONE

B) TYPE MEMBRANE: NONE
C) TYPE PROTECTION: EPOXY COATED REINFORCING

#### - AGE AND SERVICE -

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

#### GEOMETRIC DATA

	OLOMETRIO DATA
149.3 FT	(48) MAXIMUM SPAN LENGTH:
715.2 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
47.9 FT	(51) BRIDGE CURB TO CURB WIDTH:
49.9 FT	(52) BRIDGE OUT TO OUT WIDTH:
49.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
/AY: <b>48.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: <b>HIGHWAY</b>
16.34 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
<b>BENEATH BRIDGE</b>	(55a) HORZ UNDERCLR: HIGHWAY

### NAVIGATION DATA

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

PUBLICATION DATE 19-Mar-20

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN INTERSTATE** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK** (37) HISTORICAL CLASS: 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:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

#### DESIGN LOAD AND WEIGHT POSTING

1) DESIGN LOADING:	HS-20-44
EIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
EIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
0) BRIDGE POSTING CODE:	5

(41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

APPRAISAL	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	3
(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 BRIDG	E IMPDOVEMENT:	

(76) LENGTH OF BRIDGE IMPROVEMENT:

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

6.89 FT

5.91 FT

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES =

(90) DATE OF LAST REGULAR INSPECTION:	7/9/2018
(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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N/A



COUNTY: HAMILTON

ROUTE: 10075

LOG MILE: 5.28

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 70.0

BRIDGE ID NUMBER: 33100750047

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-75 CROSSING: BRANCH

LOCATION: 5.28 MI FM RAMP SR153

#### CLASSIFICATION =

IDENTIFICATI	ION			
(16a,b) LATITUDE:	N	35.03847 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.15998 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	<b>NO PARALLEL BRIDGE</b>
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND N	ΙΔΤΙ	FRIAI ————	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(40-) MAIN ORAN MATERIAL CONCRE			(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK

2

9.8 FT

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:

(48) MAXIMUM SPAN LENGTH:

(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	NOT APPLICABLE
(108) TYPE OF WEARING SURFACE AND DEC	K PROTECTION:
A) TYPE OF SURFACE:	NOT APPLICABLE
B) TYPE MEMBRANE:	NOT APPLICABLE
C) TYPE PROTECTION:	NOT APPLICABLE

#### AGE AND SERVICE

1960	27) YEAR THE BRIDGE WAS BUILT:	(2
2001	106) YEAR THE BRIDGE WAS REHABILITATED:	(
HIGHWAY	42a) SERVICE ON BRIDGE:	(4
WATERWAY	42b) UNDER BRIDGE:	(4
8	28a) NUMBER OF LANES CARRIED BY BRIDGE:	(2
0	28b) NUMBER OF LANES UNDER THE BRIDGE:	(2

#### GEOMETRIC DATA =

23.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
128.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
<b>OPEN MEDIAN</b>	(33) BRIDGE MEDIAN:
5 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD: NC
: 70.0 FT	(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:
OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHWAY

### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(55a) HORZ UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

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
TESIGN LOAD AND WEIGHT POSTING	

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

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

	AFFRAISAL
7	(67) STRUCTURAL EVALUATION:
N	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
7	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
NN1N	(36) TRAFFIC SAFETY FEATURES:
8	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:

		` '
23 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$383,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$39,000.00	ROADWAY IMPROVEMENT COST:	(95)

**BRIDGE REHABILITATION** 

(96) TOTAL PROJECT COST: \$575,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	7/5/2018
(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



COUNTY: HAMILTON

ROUTE: 10075

LOG MILE: 6.41

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 85.0

BRIDGE ID NUMBER: 33100750051

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-75

CROSSING: STANDIFER GAP RD (E506)

LOCATION: 1.8 MI FM JERSEY PK

IDENTIFICATI	ON			
(16a,b) LATITUDE:	N	35.05022	DEGREES	(11
(17a,b) LONGITUDE:	W	85.14562	DEGREES	(10
(98a) BORDER BRIDGE STATE CODE:			N/A	(26
(98b) PERCENT SHARE:			N/A	(10
(99) BORDER BRIDGE NUMBER:		NOT A	PPLICABLE	(10

#### 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: n (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 2004 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 9 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 69.2 FT (49) TOTAL BRIDGE LENGTH: 132.2 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 147.6 FT (52) BRIDGE OUT TO OUT WIDTH: 153.5 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 151.6 FT **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE 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:

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 16.44 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 21 FT

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA = **NOT APPLICABLE**

(38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

CLASSIFICATION = 12) MEETS NBIS BRIDGE LENGTH: YES 04) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 6) FUNCTIONAL CLASS: **URBAN INTERSTATE** 01) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 02) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER

CONDITION RATINGS

(58) DECK:	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 +MOD WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS** (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 7 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 111N (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

69.0 FT

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 7/10/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON **ROUTE: 10075** 

BRIDGE ID NUMBER: 33100750053

BRIDGE OWNER: STATE OF TENNESSEE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

C) TYPE PROTECTION:

(48) MAXIMUM SPAN LENGTH:

FIPS CODE: 00000 ROAD NAME: I-75 CROSSING: BRANCH

LOCATION: 6.66 MI FM GA TN ST LI

SPECIAL CASE: 0

LOG MILE: 6.68

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 78.4

CLASSIFICATION —			IDENTIFICATION
YES	(112) MEETS NBIS BRIDGE LENGTH:	35.05243 DEGREES	(16a,b) LATITUDE: N
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:	85.14188 DEGREES	(17a,b) LONGITUDE: W
<b>URBAN INTERSTATE</b>	(26) FUNCTIONAL CLASS:	N/A	(98a) BORDER BRIDGE STATE CODE:
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:	N/A	(98b) PERCENT SHARE:
2-WAY TRAFFIC	(102) TRAFFIC DIR:	NOT APPLICABLE	(99) BORDER BRIDGE NUMBER:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:	FRIAI ———	BRIDGE TYPE AND MATE
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:		(43a) MAIN SPAN MATERIAL: CONCRETE C
AL SIGNIFICANCE HAS	(37) HISTORICAL CLASS: HISTORICAL	ONTINUOUS	(43a) IVIAIN SPAN IVIATERIAL. CONCRETE C

**NOT APPLICABLE** 

12.1 FT

(58) DECK:

(59) SUPERSTRUCTURE:

(60) SUBSTRUCTURE:

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

CONDITION RATINGS

**NOT BEEN DETERMINED** 

Ν

Ν

Ν

7

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

# AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1960 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: **WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH: 24.9 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 128.0 FT (33) BRIDGE MEDIAN: **OPEN MEDIAN** (34) BRIDGE SKEW: 30 DEGREES (35) BRIDGE FLARE: NO FLARE **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE

#### NAVIGATION DATA =

**NOT A HIGHWAY OR RAILROAD** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

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

(40) NAVIGATION HORZ CLEARANCE: N/A

#### (62) CULVERT CONDITION (IF APPLICABLE): DESIGN LOAD AND WEIGHT POSTING =

(61) STREAM CHANNEL AND CHANNEL PROTECTION:

(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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: Ν (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: **NN11** (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 24.9 FT (94) BRIDGE IMPROVEMENT COST: \$265,000.00 (95) ROADWAY IMPROVEMENT COST: \$27,000.00 (96) TOTAL PROJECT COST: \$398,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 7/5/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

> PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

**PUBLICATION DATE** 19-Mar-20

(55a) HORZ UNDERCLR:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:



BRIDGE ID NUMBER: 33100750060

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-75

CROSSING: SR 2 BONNEY OAKS DR

LOCATION: 5.2 MI I75 SR153 IC

COUNTY: HAMILTON **ROUTE: 10075** 

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 7.45 SUFFICIENCY RATING: 88.3

#### CLASSIFICATION •

(16a,b) LATITUDE:	N	35 05982	DEGREES	
(17a,b) LONGITUDE:	w		DEGREES	
(98a) BORDER BRIDGE STATE CODE:	**	00.10100	N/A	
(98b) PERCENT SHARE:			N/A	
(90) BORDER BRIDGE NUMBER:		NOT A		

IDENTIFICATION

#### 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: n

**CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**MONOLITHIC CONCRETE** A) TYPE OF SURFACE:

B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

#### AGE AND SERVICE

2004	YEAR THE BRIDGE WAS BUILT:	(27
N/A	6) YEAR THE BRIDGE WAS REHABILITATED:	(10
HIGHWAY	a) SERVICE ON BRIDGE:	(42
HIGHWAY	o) UNDER BRIDGE:	(42
4	a) NUMBER OF LANES CARRIED BY BRIDGE:	(28
8	o) NUMBER OF LANES UNDER THE BRIDGE:	(28

#### GEOMETRIC DATA

4272 ET

NO RESTRICTION

(40) MAXIMOM SI AN LLINGTI.	127.	,	Г
(49) TOTAL BRIDGE LENGTH:	208.	)	FΤ
(50a) LEFT SIDEWALK WIDTH:	0.0	)	FΤ
(50b) RIGHT SIDEWALK WIDTH	: 0.0	)	FΤ
(51) BRIDGE CURB TO CURB W	/IDTH: <b>68.</b>	9	FΤ
(52) BRIDGE OUT TO OUT WID	TH: <b>70.</b>	9	FΤ
(32) APPROACH ROADWAY (W	/ SHLDS) WIDTH: 69.9	•	FΤ
(33) BRIDGE MEDIAN:	<b>CLOSED MEDIAN - WITH BAR</b>	RI	ER

(34) BRIDGE SKEW: 18 DEGREES

(35) BRIDGE FLARE: **NO FLARE** 

(520) MIN VERTICAL CLEARANCE OVER RD:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 106.0 FT

(54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(54b) MIN VERTICAL UNDERCLEARANCE: 17.03 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 6.89 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

**PUBLICATION DATE** 19-Mar-20

(48) MAYIMI IM SDAN I ENGTH-

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN 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: 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:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

#### DESIGN LOAD AND WEIGHT POSTING

HS-20-44 +MOD	(31) DESIGN LOADING:
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):
ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):
5	(70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

#### APPRAISAL

ATTICAGAE	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	7
(69) UNDERCLEARANCE RATING:	4
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	111N
(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

7/16/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ON TRUCK NETWORK

BRIDGE ID NUMBER: 33100750059

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-75

CROSSING: SR 317 - BONNEY OAKS DR

LOCATION: 5.2 MI FM I75 SR153 IC

#### ROUTE: 10075 SPECIAL CASE: 0

LOG MILE: 7.45

NATIONAL REGISTER

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 88.3

#### IDENTIFICATION CLASSIFICATION -

(16a,b) LATITUDE:	N	35.05910 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.13095 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
PRIDCE TYPE AND A	4 A T	EDIAL ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

(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 A	ND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

#### AGE AND SERVICE

2004	YEAR THE BRIDGE WAS BUILT:	(27)
N/A	6) YEAR THE BRIDGE WAS REHABILITATED:	(106
HIGHWAY	i) SERVICE ON BRIDGE:	(42a
HIGHWAY	) UNDER BRIDGE:	(42b
6	i) NUMBER OF LANES CARRIED BY BRIDGE:	(28a
8	) NUMBER OF LANES UNDER THE BRIDGE.	(28h

#### ■ GEOMETRIC DATA ■

127.3 FT	MUM SPAN LENGTH:	(48) MAXIN
208.0 FT	AL BRIDGE LENGTH:	(49) TOTAL
0.0 FT	T SIDEWALK WIDTH:	(50a) LEFT
0.0 FT	HT SIDEWALK WIDTH:	(50b) RIGH
114.2 FT	GE CURB TO CURB WIDTH:	(51) BRIDG
116.1 FT	GE OUT TO OUT WIDTH:	(52) BRIDG
115.2 FT	ROACH ROADWAY (W/ SHLDS) WIDTH:	(32) APPR
WITH BARRIER	GE MEDIAN: CLOSED MEDIAN	(33) BRIDG
18 DEGREES	GE SKEW:	(34) BRIDG
NO FLARE	GE FLARE:	(35) BRIDG
RESTRICTION	VERTICAL CLEARANCE OVER RD:	(520) MIN \
71.0 FT	HORIZONTAL CLEARANCE ON ROADWA	(47) MIN H
NEATH BRIDGE	RT UNDERCLR: HIGHWAY B	(54a) VER1
47.02 ET	VEDTICAL LINDEDCLEADANCE.	/EAL\ MINI\

(54b) MIN VERTICAL UNDERCLEARANCE: 17.03 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 6.89 FT

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA (20) NAVI CONTROL

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

(40) NAVIGATION HORZ CLEARANCE:

BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE

CONDITION RATINGS •

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

#### DESIGN LOAD AND WEIGHT POSTING

HS-20-44 +MOD	(31) DESIGN LOADING:
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):
ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):
5	(70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

#### ADDDAICAL

APPRAISAL	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	4
(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:

N/A

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

7/16/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



YES

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8

N/A

7/11/2018

24

N/A

N/A

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BRIDGE ID NUMBER: 33100750061 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 10075 FIPS CODE: 00000 SPECIAL CASE: 0

ROAD NAME: I-75

CROSSING: SOUTHERN RR & BRANCH LOCATION: 7 MI SOUTH OF SR2

LOG MILE: 8.44 SUFFICIENCY RATING: 94.5

COUNTY SEQUENCE: 1

#### IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.06968 DEGREES (17a,b) LONGITUDE: 85.11940 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING = C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: HS-20-44 +MOD AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 2004 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY** (41) WT POSTING STATUS: OPEN **RAILROAD-WATERWAY** (42b) UNDER BRIDGE: **APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 8 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 134.2 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 493.4 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 2.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 140.1 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 144 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 94.2 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 61 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 70.0 FT INSPECTION DATES **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 23 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: 24.93 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 24.93 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): - NAVIGATION DATA -

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



YES

8

8

8

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8

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N/A

7/10/2018

24

N/A

N/A

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1111

**NHS ROUTE** 

2-WAY TRAFFIC

HS-20-44 +MOD

BRIDGE ID NUMBER: 33100750083 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 10075 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: I-75 COUNTY SEQUENCE: 1 CROSSING: I-75 LOG MILE: 8.97 LOCATION: VOLKSWAGON DRIVE SUFFICIENCY RATING: 94.5 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.07373 DEGREES (17a,b) LONGITUDE: 85.11090 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **CORRUGATED STEEL** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING = C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 2007 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 10 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 187.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 368.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 83 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 86 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 33 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 83.0 FT

**HIGHWAY BENEATH BRIDGE** 

**HIGHWAY BENEATH BRIDGE** 

18.11 FT

80.05 FT

80.05 FT

N/A

N/A

N/A

**NOT APPLICABLE** 

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INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(39) NAVIGATION VERTICAL CLEARANCE:

NAVIGATION DATA =

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

YES

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N

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1111

320.2 FT

2019

24

N/A

N/A

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\$6.087.000.00

\$9,131,000.00

\$609,000.00

7/12/2018

HS-20-44

**NHS ROUTE** 

2-WAY TRAFFIC

**ROUTE: 10075** 

BRIDGE ID NUMBER: 33100750063

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: I-75

CROSSING: WOLFTEVER CREEK

LOCATION: 0.3 MI SOUTH OF SR2

#### SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 11.30

SUFFICIENCY RATING: 75.0

#### IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.08432 DEGREES (17a,b) LONGITUDE: w 85.07285 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS CONTINUOUS **NOT BEEN DETERMINED** (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: (59) SUPERSTRUCTURE: **CORRUGATED STEEL** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 2007 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 9 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 80.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 320.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 2.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 2.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 136.2 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 140.1 FT (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 156.2 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 20 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 84.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA =

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



BRIDGE ID NUMBER: 33100750065

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: I-75

CROSSING: I-75 / SR-2

LOCATION: COLLEGEDALE EXIT

IDENTIFICATION

N 35 08603 DEGREES (112) MEETS NBIS BRIDGE LENGTH:

(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.08603 DEGREES YES (17a,b) LONGITUDE: w 85.06830 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN INTERSTATE** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: 8 (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: 8 (107) TYPE OF DECK: **CORRUGATED STEEL** (60) SUBSTRUCTURE: 8 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): Ν B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING = C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: HS-20-44 +MOD AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 2007 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (67) STRUCTURAL EVALUATION: 8 (28b) NUMBER OF LANES UNDER THE BRIDGE: 5 (68) DECK GEOMETRY: 9 ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: 9 (48) MAXIMUM SPAN LENGTH: 128.0 FT (71) WATERWAY ADEQUACY: Ν (49) TOTAL BRIDGE LENGTH: 256.1 FT (72) APPROACH ROADWAY ALIGNMENT: 8 (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: 1111 (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: Ν (51) BRIDGE CURB TO CURB WIDTH: 130.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 131.9 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 131.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: N/A **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: **42 DEGREES** (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 54.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.6 FT (90) DATE OF LAST REGULAR INSPECTION: 7/10/2018 (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** 24 (55b) MIN HORZ UNDERCLR ON RIGHT: 47.9 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 5.91 FT Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A NAVIGATION DATA = (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

N/A

N/A

N/A

(40) NAVIGATION HORZ CLEARANCE:

PUBLICATION DATE

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

19-Mar-20



COUNTY: HAMILTON

**ROUTE: 10075** 

LOG MILE: 13.28

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 79.2

BRIDGE ID NUMBER: 33100750067

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: I-75 CROSSING: BRANCH

LOCATION: 5 MI S OF BRAD HAM CO LI

IDENTIFICATION		CLASSIFICATIO	N ———
(16a,b) LATITUDE: N	35.10527 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W	85.05148 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MAT	FRIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE (		(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLIC		` '	L SIGNIFICANCE HAS DETERMINED
		CONDITION DATE	100

# CONDITION RATINGS

0	(58) DECK:	N
OT APPLICABLE	(59) SUPERSTRUCTURE:	N
ROTECTION:	(60) SUBSTRUCTURE:	N
OT APPLICABLE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	6
OT APPLICABLE	(62) CULVERT CONDITION (IF APPLICABLE):	7
(	OTECTION: OT APPLICABLE	(59) SUPERSTRUCTURE: (OTECTION: (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CHANGE CONDITION (IF APPLICABLE):

9.8 FT

#### 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:

(41) WT POSTING STATUS: OPEN

#### ΔΡΡ**R**ΔΙSΔΙ

	ALLINAIDAE
7	(67) STRUCTURAL EVALUATION:
N	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
7	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
NN11	(36) TRAFFIC SAFETY FEATURES:
8	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	BRIDGE REHABILITATION

(76) LENGTH OF BRIDGE IMPROVEMENT: 22 FT (94) BRIDGE IMPROVEMENT COST: \$236,000.00

(95) ROADWAY IMPROVEMENT COST: \$24,000.00

(96) TOTAL PROJECT COST: \$355,000.00

#### (97) YEAR OF IMPROVEMENT COST ESTIMATE:

(90) DATE OF LAST REGULAR INSPECTION:	7/5/2018
(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

INSPECTION DATES

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2018

(45) NUMBER OF MAIN SPANS:

(48) MAXIMUM SPAN LENGTH:

(46) N (107)(108)A) TY B) TY **NOT APPLICABLE** C) TYPE PROTECTION:

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1960 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: **WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(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 UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 131.9 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 **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20



COUNTY: HAMILTON

BRIDGE ID NUMBER: 33I01240001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-124** 

CROSSING: I124 RP TO I24 W/CSX RR

LOCATION: .01 M NORTH OF I24

#### ROUTE: 10124 SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 0.01

SUFFICIENCY RATING: 75.8

IDENTIFICATION ———	
(16a,b) LATITUDE: N 35.03155 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.32103 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	(58) DECK: 7
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: 7
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: EPOXY COATED REINFORCING	DESIGN LOAD AND WEIGHT POSTING
,	(31) DESIGN LOADING: HS-20-44
AGE AND SERVICE ————	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1990	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: RAILROAD	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 1	(67) STRUCTURAL EVALUATION: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(68) DECK GEOMETRY:
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING: 4
(48) MAXIMUM SPAN LENGTH: 195.9 FT	(71) WATERWAY ADEQUACY:
(49) TOTAL BRIDGE LENGTH: 348.1 FT	(72) APPROACH ROADWAY ALIGNMENT: 7
(50a) LEFT SIDEWALK WIDTH: 3.3 FT	(36) TRAFFIC SAFETY FEATURES: 1N1N
(50b) RIGHT SIDEWALK WIDTH: 3.3 FT	(113) SCOUR CONDITION RATING: N
(51) BRIDGE CURB TO CURB WIDTH: 34.4 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 36.4 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9 FT	(76) LENGTH OF BRIDGE IMPROVEMENT: 348.1 FT
(33) BRIDGE MEDIAN:  NO MEDIAN	(94) BRIDGE IMPROVEMENT COST: \$2,431,000.00
(34) BRIDGE SKEW: 45 DEGREES	(95) ROADWAY IMPROVEMENT COST: \$244,000.00
(35) BRIDGE FLARE:  NO FLARE	(96) TOTAL PROJECT COST: \$3,647,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 30.0 FT (54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	INSPECTION DATES
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 28.02 FT	(90) DATE OF LAST REGULAR INSPECTION: 10/18/2018
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 8.86 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: **10124** 

LOG MILE: 0.13

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 79.0

BRIDGE ID NUMBER: 33101240019

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-124

CROSSING: I124SB RP TO I24EB/A660

IDENTIFICATION ————		CLAS	SIFICATION ————	
(16a,b) LATITUDE:	N	35.06477 DEGREES	(112) MEETS NBIS BRIDGE L	ENGTH: YES
(17a,b) LONGITUDE:	W	85.30032 DEGREES	(104) NATIONAL HIGHWAY S	YSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN INTERSTATE
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND (43a) MAIN SPAN MATERIAL: STEEL (44a) APPR SPAN MATERIAL: NOT A	CONT	INUOUS	(103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROL (37) HISTORICAL CLASS:	
CONDITION RATINGS —		ION RATINGS ————		

(F0) DECK.	_
(58) DECK:	/
(59) SUPERSTRUCTURE:	7
(60) SUBSTRUCTURE:	7
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

#### DESIGN LOAD AND WEIGHT POSTING

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

#### **APPRAISAL**

7
7
5
N
8
11
N
ı

#### RECOMMENDED IMPROVEMENTS

(75) TYPE	OF WORK:	BRIDGE REHABIL	ITATION
(76) LENC	STH OF BRIDG	GE IMPROVEMENT:	173.9 FT
(94) BRID	GE IMPROVE	MENT COST:	\$1,549,000.00
(95) ROAI	DWAY IMPRO	VEMENT COST:	\$155,000.00
(96) TOTA	AL PROJECT (	COST:	\$2,324,000.00
(97) YEAF	R OF IMPROV	EMENT COST ESTIN	MATE: <b>2018</b>
	—— INS	PECTION DATE	s <del></del>

(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

LOCATION: .1 M E OF I124 INTERSECTI		
IDENTIFICATION -		
	35.06477 DEGREES 35.30032 DEGREES N/A N/A NOT APPLICABLE	
BRIDGE TYPE AND MATER	RIAL ———	
(43a) MAIN SPAN MATERIAL: <b>STEEL CONTINU</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABI</b>		
(108) TYPE OF WEARING SURFACE AND DECK		
A) TYPE OF SURFACE: MONC	DLITHIC CONCRETE	
B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: EPOXY COATED REINFORCING		
AGE AND SERVICE		
<ul><li>(27) YEAR THE BRIDGE WAS BUILT:</li><li>(106) YEAR THE BRIDGE WAS REHABILITATED</li><li>(42a) SERVICE ON BRIDGE:</li></ul>	HIGHWAY	
(42b) UNDER BRIDGE:	HIGHWAY	
(28a) NUMBER OF LANES CARRIED BY BRIDGE		
(28b) NUMBER OF LANES UNDER THE BRIDGE		
GEOMETRIC DATA		
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH:	71.9 FT 173.9 FT	
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	
(50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH:	0.0 FT 60 FT	
(52) BRIDGE OUT TO OUT WIDTH:	63 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH		
(33) BRIDGE MEDIAN:	NO MEDIAN	
(34) BRIDGE SKEW:	1 DEGREES	
(35) BRIDGE FLARE:	YES. FLARED	
(520) MIN VERTICAL CLEARANCE OVER RD:	NO RESTRICTION	
(47) MIN HORIZONTAL CLEARANCE ON ROADV	VAY: <b>55.0 FT</b>	
	BENEATH BRIDGE	
(54b) MIN VERTICAL UNDERCLEARANCE:	23.2 FT	
(55a) HORZ UNDERCLR: HIGHWAY	BENEATH BRIDGE	
(55b) MIN HORZ UNDERCLR ON RIGHT:	8.2 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	



COUNTY: HAMILTON

ROUTE: 10124

LOG MILE: 0.54

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33101240006

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-124** 

CROSSING: 19TH ST W. (FAU 5395)

LOCATION: 1.5 MI OF I24

#### \_\_\_\_\_\_

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 56.0

IDENTIFICA	NOITA		CLASSIF
(16a,b) LATITUDE:	N	35.03680 DEGREES	(112) MEETS NBIS BRIDGE LENG
(17a,b) LONGITUDE:	W	85.31948 DEGREES	(104) NATIONAL HIGHWAY SYS
(98a) BORDER BRIDGE STATE CODE	i:	N/A	(26) FUNCTIONAL CLASS:
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: STEEL

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	4
(46) NUMBER OF APPROACH SPANS	S: <b>0</b>
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE	AND DECK PROTECTION:
A) TYPE OF SURFACE:	ASPHALT

A) TYPE OF SURFACE:

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

ASPHALT

NONE

NONE

# AGE AND SERVICE ——

(27) YEAR THE BRIDGE WAS BUILT:	1962
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A
(42a) SERVICE ON BRIDGE:	HIGHWAY
(42b) UNDER BRIDGE:	HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	4
(28b) NUMBER OF LANES UNDER THE BRIDGE:	6

#### ■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH:	63.0 FT
(49) TOTAL BRIDGE LENGTH:	220.1 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	50.9 FT
(52) BRIDGE OUT TO OUT WIDTH:	57.4 FT
(32) APPROACH ROADWAY (W/ SHLI	OS) WIDTH: <b>47.9 FT</b>
(33) BRIDGE MEDIAN:	OPEN MEDIAN
(34) BRIDGE SKEW:	28 DEGREES
(35) BRIDGE FLARE:	NO FLARE
(520) MIN VERTICAL CLEARANCE OV	/ER RD: NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE	ON ROADWAY: 51.0 FT
(54a) VERT UNDERCLR:	HIGHWAY BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARA	NCE: <b>19.03 FT</b>
(55a) HORZ UNDERCLR:	HIGHWAY BENEATH BRIDGE

# (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA

(55b) MIN HORZ UNDERCLR ON RIGHT:

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

9.19 FT

4.59 FT

# PUBLICATION DATE 19-Mar-20

(112) MEETS NBIS BRIDGE LENGTH:
(104) NATIONAL HIGHWAY SYSTEM:
(26) FUNCTIONAL CLASS:
(101) PARALLEL BRIDGE:
(102) TRAFFIC DIR:
(103) TEMPORARY BRIDGE:
(103) TEMPORARY BRIDGE:
(104) NATIONAL TRUCK ROUTE:
(105) NATIONAL TRUCK ROUTE:
(106) NATIONAL TRUCK ROUTE:
(107) NATIONAL TRUCK ROUTE:
(108) HISTORICAL CLASS:
(109) HISTORICAL CLASS:
(109) HISTORICAL CLASS:
(109) HISTORICAL SIGNIFICANCE HAS
(109) NOT BEEN DETERMINED

#### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

HS-20-44
ALL LEGAL LOADS
ALL LEGAL LOADS
5

#### (41) WT POSTING STATUS: **OPEN**

(113) SCOUR CONDITION RATING:

APPRAISAL —	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	3
(69) UNDERCLEARANCE RATING:	4
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	0001

#### RECOMMENDED IMPROVEMENTS

	BRIDGE REPLACEMENT	) TYPE OF WORK:	(75)
254.3 FT	GE IMPROVEMENT:	) LENGTH OF BRID	(76)
\$3,397,000.00	EMENT COST:	) BRIDGE IMPROVE	(94)
\$340,000.00	OVEMENT COST:	) ROADWAY IMPRO	(95)
\$5,096,000.00	COST:	) TOTAL PROJECT	(96)
2019	'EMENT COST ESTIMATE:	) YEAR OF IMPROV	(97)
	DECTION DATES -		

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	8/20/2018
(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



COUNTY: HAMILTON

2019

24

N/A

N/A

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8/22/2018

ROUTE: **10124** 

LOG MILE: 0.54

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33101240005

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-124

CROSSING: 20TH ST W. (FAU 5395)

LOCATION: 1.5 MI OF I24

# SUFFICIENCY RATING: 78.0

COUNTY SEQUENCE: 1

IDENTIFICATION -			
(16a,b) LATITUDE: N 35.	03660 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W 85.	31910 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE:	RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND MATERIA	\	(103) TEMPORARY BRIDGE:	<b>NOT APPLICABLE</b>
(43a) MAIN SPAN MATERIAL: PRESTRESSED CO		(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE		(37) HISTORICAL CLASS: HISTORICAL SI NOT BEEN DET	GNIFICANCE HAS ERMINED
(45) NUMBER OF MAIN SPANS:	2	CONDITION RATING	s ———
(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:	8
	E CAST-IN-PLACE	(59) SUPERSTRUCTURE:	8
(108) TYPE OF WEARING SURFACE AND DECK P	_	(60) SUBSTRUCTURE:	8
• •	THIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PRO	TECTION: N
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICABLE):	N
C) TYPE PROTECTION:	NONE	DESIGN LOAD AND WEIGHT	POSTING ——
AGE AND SERVICE		(31) DESIGN LOADING:	HL-93
	2040	WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED:	2018 N/A	WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE:	HIGHWAY	(70) BRIDGE POSTING CODE:	5
(42b) UNDER BRIDGE:	HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	4	APPRAISAL	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	6	(67) STRUCTURAL EVALUATION:	8
GEOMETRIC DATA		(68) DECK GEOMETRY:	9
(48) MAXIMUM SPAN LENGTH:	75.8 FT	(69) UNDERCLEARANCE RATING:	4
(49) TOTAL BRIDGE LENGTH:	150.3 FT	(71) WATERWAY ADEQUACY:	N
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	1N1N
(51) BRIDGE CURB TO CURB WIDTH:	72.8 FT	(113) SCOUR CONDITION RATING:	N
(52) BRIDGE OUT TO OUT WIDTH:	74.1 FT	RECOMMENDED IMPROV	EMENTS ———
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	72.2 FT	(75) TYPE OF WORK: BRIDGE REPLACE	MENT
(33) BRIDGE MEDIAN:	OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	183.1 FT
(34) BRIDGE SKEW:	37 DEGREES	(94) BRIDGE IMPROVEMENT COST:	\$2,565,000.00
(35) BRIDGE FLARE:	NO FLARE	(95) ROADWAY IMPROVEMENT COST:	\$257,000.00
	NO RESTRICTION	(96) TOTAL PROJECT COST:	\$3,848,000.00
•		(07) VEAD OF MADDOVEMENT COST FORM	ATE: 0040

72.8 FT

17.55 FT

7.87 FT

7.87 FT

**HIGHWAY BENEATH BRIDGE** 

**HIGHWAY BENEATH BRIDGE** 

(38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A

NAVIGATION DATA =

(40) NAVIGATION HORZ CLEARANCE: N/A

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

**PUBLICATION DATE** 19-Mar-20

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

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(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(90) DATE OF LAST REGULAR INSPECTION:

- INSPECTION DATES



COUNTY: HAMILTON

ROUTE: **10124** 

BRIDGE ID NUMBER: 33101240007

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-124

CROSSING: SOUTHERN RWY

LOCATION: 0.7 MI S OF TENN. RIVER

#### SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 0.68

SUFFICIENCY RATING: 80.0

IDENTIFICATION —	CLASSIFICATION ————
(16a,b) LATITUDE: N 35.03858 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.31898 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN ORANG	——— CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 1	(58) DECK: <b>8</b>
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE:
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: 8
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: MONOLITHIC CONCRETE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING —
	(31) DESIGN LOADING: HL-93
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 2018	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: RAILROAD	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 3	(67) STRUCTURAL EVALUATION: 8
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	• •
GEOMETRIC DATA	(68) DECK GEOMETRY: 9
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 107.6 FT	(68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 107.6 FT  (49) TOTAL BRIDGE LENGTH: 107.6 FT	(68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: N
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  0.0 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT:  8
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       107.6 FT         (49) TOTAL BRIDGE LENGTH:       107.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT:  8
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       107.6 FT         (49) TOTAL BRIDGE LENGTH:       107.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       72.8 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: N
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       107.6 FT         (49) TOTAL BRIDGE LENGTH:       107.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       107.6 FT         (49) TOTAL BRIDGE LENGTH:       107.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       72.8 FT         (52) BRIDGE OUT TO OUT WIDTH:       74.8 FT         (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:       72.2 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  OPEN MEDIAN	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 107.6 FT
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW:  107.6 FT 0.0 FT 0.0 FT 72.8 FT 72.8 FT 74.8 FT 652) BRIDGE OUT TO OUT WIDTH: 6 DEGREES	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (101) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: \$1,000.00
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 72.2 FT (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  107.6 FT 107.6 F	(68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1N1N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       107.6 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,000.00         (95) ROADWAY IMPROVEMENT COST:       \$1,000.00
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 72.2 FT (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  OPEN MEDIAN NO RESTRICTION	(68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1N1N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       107.6 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,000.00         (95) ROADWAY IMPROVEMENT COST:       \$1,000.00         (96) TOTAL PROJECT COST:       \$2,000.00
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 72.8 FT (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN HORIZONTAL CLEARANCE ON ROADWAY: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (48) MAXIMUM SPAN LENGTH: (107.6 FT (10	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 72.8 FT (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR:  RAILROAD BENEATH BRIDGE	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (101) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (520) MIN HORIZONTAL CLEARANCE ON ROADWAY: (520) MIN VERTICAL UNDERCLEARANCE: (524a) VERT UNDERCLR: (525.59 FT	(68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1N1N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       107.6 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,000.00         (95) ROADWAY IMPROVEMENT COST:       \$1,000.00         (96) TOTAL PROJECT COST:       \$2,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       8/22/2018
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (520) MIN HORIZONTAL CLEARANCE ON ROADWAY: (520) WIN VERT UNDERCLR: (520) MIN VERTICAL UNDERCLEARANCE: (520) MIN VERTICAL UNDERCLEARANCE: (520) FT	(68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1N1N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       107.6 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,000.00         (95) ROADWAY IMPROVEMENT COST:       \$1,000.00         (96) TOTAL PROJECT COST:       \$2,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       8/22/2018
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (520) MIN VERTICAL UNDERCLEARANCE: (521) MIN VERTICAL UNDERCLEARANCE: (522) MIN VERTICAL UNDERCLEARANCE: (523) BRIDGE	(68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1N1N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       107.6 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,000.00         (95) ROADWAY IMPROVEMENT COST:       \$1,000.00         (96) TOTAL PROJECT COST:       \$2,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       8/22/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (540) WIN VERTICAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55c) HORZ UNDERCLR: (55c) MIN HORZ UNDERCLR ON RIGHT: (45.93 FT	(68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       9         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1N1N         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       107.6 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,000.00         (95) ROADWAY IMPROVEMENT COST:       \$1,000.00         (96) TOTAL PROJECT COST:       \$2,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       8/22/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24         (93b) DATE OF LAST UNDERWATER INSP (MO/YR):       N/A

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

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Ν

N/A

ROUTE: **10124** 

LOG MILE: 0.68

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33101240008

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-124

CROSSING: SOUTHERN RAILWAY

LOCATION: 0.7 MI S OF TENN. RIVER	SUFFICIENCY RATING: 58.0	
IDENTIFICATION		
(16a,b) LATITUDE: N 35.03863 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 85.31913 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE	
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK	
(43a) MAIN SPAN MATERIAL: <b>PRESTRESSED CONCRETE</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS: 4	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7	
(107) TYPE OF DECK: OTHER	(59) SUPERSTRUCTURE: 7	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7	
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N	
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N	
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING	
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44	
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 1962	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5	
(42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: RAILROAD	(41) WT POSTING STATUS: OPEN	
	(67) STRUCTURAL EVALUATION: 7	
	(68) DECK GEOMETRY: 2	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:	
(48) MAXIMUM SPAN LENGTH: 64.0 FT	(71) WATERWAY ADEQUACY:	
(49) TOTAL BRIDGE LENGTH: 190.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:	
(51) BRIDGE CURB TO CURB WIDTH: 39 FT	RECOMMENDED IMPROVEMENTS —	
(52) BRIDGE OUT TO OUT WIDTH: 50.2 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 45.9 FT	NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 190 FT	
(34) BRIDGE SKEW: 5 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$246,000.00	
(35) BRIDGE FLARE: YES, FLARED	(95) ROADWAY IMPROVEMENT COST: \$25,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$370,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 39.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018	
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: 27 FT	(90) DATE OF LAST REGULAR INSPECTION: 8/20/2018	
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: 25.92 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A	

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

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(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(38) NAV CONTROL:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(39) NAVIGATION VERTICAL CLEARANCE:

NAVIGATION DATA



COUNTY: HAMILTON

ROUTE: **10124** 

LOG MILE: 0.72

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33101240021

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-124** 

 ${\sf CROSSING:} \ \ \textbf{SOUTHERN} \ \ \textbf{RWY}$ 

20071110111 1111111111111111111111111111	F TN. RV. SUFFICIENCY RATING: 73.0	
IDENTIFICATION ————————————————————————————————————		
(16a,b) LATITUDE: N 35.03870 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 85.31893 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE	
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK	
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS	
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7	
(107) TYPE OF DECK: OTHER	(59) SUPERSTRUCTURE: 7	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7	
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N	
B) TYPE MEMBRANE: UNKNOWN	(62) CULVERT CONDITION (IF APPLICABLE): N	
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING	
AGE AND SERVICE	(31) DESIGN LOADING: H-20-44	
(27) YEAR THE BRIDGE WAS BUILT: 1962	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5	
(42b) UNDER BRIDGE: RAILROAD	(41) WT POSTING STATUS: <b>OPEN</b>	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 1	APPRAISAL	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7	
GEOMETRIC DATA	(68) DECK GEOMETRY: 6	
(48) MAXIMUM SPAN LENGTH: 64.0 FT	(69) UNDERCLEARANCE RATING: 7	
(49) TOTAL BRIDGE LENGTH: 172.9 FT	(71) WATERWAY ADEQUACY: N	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 000N	
(OOD) INICITI CIDEWALK WIDTH.		
	(113) SCOUR CONDITION RATING: N	
(51) BRIDGE CURB TO CURB WIDTH: 22 FT	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION	
(51) BRIDGE CURB TO CURB WIDTH: 22 FT (52) BRIDGE OUT TO OUT WIDTH: 28.5 FT	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT: 172.9 FT	
(51) BRIDGE CURB TO CURB WIDTH:       22 FT         (52) BRIDGE OUT TO OUT WIDTH:       28.5 FT         (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:       26.9 FT	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  \$723,000.00	
(51) BRIDGE CURB TO CURB WIDTH: 22 FT (52) BRIDGE OUT TO OUT WIDTH: 28.5 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 FT (33) BRIDGE MEDIAN: NO MEDIAN	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  \$723,000.00	
(51) BRIDGE CURB TO CURB WIDTH: 22 FT (52) BRIDGE OUT TO OUT WIDTH: 28.5 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 5 DEGREES	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: \$1,085,000.00	
(51) BRIDGE CURB TO CURB WIDTH: 22 FT (52) BRIDGE OUT TO OUT WIDTH: 23.5 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 5 DEGREES (35) BRIDGE FLARE: NO FLARE	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  N 172.9 FT \$723,000.00 \$1,085,000.00	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (570) FT	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 172.9 FT (94) BRIDGE IMPROVEMENT COST: \$723,000.00 (95) ROADWAY IMPROVEMENT COST: \$73,000.00 (96) TOTAL PROJECT COST: \$1,085,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 8/20/2018	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55a) RIDGE CURB WIDTH: (22 FT 28.5 FT 2	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (24)	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (55c) T.06 FT	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  2018  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  (93b) DATE OF LAST UNDERWATER INSP (MO/YR):  N/A	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55a) RIDGE CURB WIDTH: (22 FT 28.5 FT 2	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  2018  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  (92b) UNDERWATER INSP FREQUENCY (MONTHS):  N	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (57) NOT APPLICABLE	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  2018  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  (92b) UNDERWATER INSP FREQUENCY (MONTHS):  (93c) DATE OF SPECIAL INSPECTION (MO/YR):  NAA	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (540) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (57) NOT APPLICABLE	(113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  2018  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  (92b) UNDERWATER INSP FREQUENCY (MONTHS):  N	

N/A

N/A

PUBLICATION DATE 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

N/A

ROUTE: **10124** 

LOG MILE: 0.80

**NOT BEEN DETERMINED** 

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 94.6

BRIDGE ID NUMBER: 33101240009

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-124

CROSSING: W.MAIN ST (FAU 3553)

LOCATION: .01 MI FM SR58 W 20TH ST

IDENTIFICATION		CLASSIFICATION	
(16a,b) LATITUDE: N	35.03960 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W	85.31718 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE:	RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND MATE	RIAL ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(42a) MAIN SDAN MATERIAL: PRESTRESSE		(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK

4.59 FT

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	3
(46) NUMBER OF APPROACH SPANS	. <b>0</b>
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE A	ND DECK PROTECTION:
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE

B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE

#### AGE AND SERVICE -

2018	YEAR THE BRIDGE WAS BUILT:	(27)
N/A	S) YEAR THE BRIDGE WAS REHABILITATED:	(106)
HIGHWAY	a) SERVICE ON BRIDGE:	(42a)
HIGHWAY	) UNDER BRIDGE:	(42b)
2	a) NUMBER OF LANES CARRIED BY BRIDGE:	(28a)
4	) NUMBER OF LANES UNDER THE BRIDGE:	(28b)

#### GEOMETRIC DATA =

	OLOMETINO DATA
124.0 FT	(48) MAXIMUM SPAN LENGTH:
214.2 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
73.2 FT	(51) BRIDGE CURB TO CURB WIDTH:
77.4 FT	(52) BRIDGE OUT TO OUT WIDTH:
74.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH
NO MEDIAN	(33) BRIDGE MEDIAN:
34 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>73.2 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADV
BENEATH BRIDGE	(54a) VERT UNDERCLR: HIGHWAY
14.86 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
BENEATH BRIDGE	(55a) HORZ UNDERCLR: HIGHWAY
10.5 FT	(55b) MIN HORZ UNDERCLR ON RIGHT:

#### — NAVIGATION DATA —

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

**PUBLICATION DATE** 19-Mar-20

(56) MIN HORZ UNDERCLR ON LEFT:

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

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

#### DESIGN LOAD AND WEIGHT POSTING

HL-93		(31) DESIGN LOADING:
ALL LEGAL LOADS	EHICLES):	WEIGHT POSTING (2 AXLE V
ALL LEGAL LOADS	RE AXLES):	WEIGHT POSTING (3 OR MO
5	:	(70) BRIDGE POSTING CODE
	OPEN	(41) WT POSTING STATUS

APPRAISAL	
(67) STRUCTURAL EVALUATION:	8
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	6
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1N1N
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

(5)	TYPE OF	WORK:	NOT APPLICABLE	<b>=</b>
76)	LENGTH	OF BRIDG	E IMPROVEMENT:	

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### — INSPECTION DATES —

8/22/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: **10124** 

LOG MILE: 0.80

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 86.6

BRIDGE ID NUMBER: 33101240010

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-124

CROSSING: W.MAIN ST (FAU 3553)

LOCATION: .01 MI FM SR58 W 20TH ST

#### - CLASSIFICATION

 IDENTIFICATION (16a,b) LATITUDE: Ν 35.03975 DEGREES (17a,b) LONGITUDE: 85.31768 DEGREES (98a) BORDER 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: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE

#### AGE AND SERVICE \*\*

(27) YEAR THE BRIDGE WAS BUILT: 1963 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 56.1 FT (49) TOTAL BRIDGE LENGTH: 208.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 36.1 FT 47.2 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 45.9 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 37 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 39.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.86 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

#### 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

**PUBLICATION DATE** 19-Mar-20

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN 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: 6 (60) SUBSTRUCTURE: 7 (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν

#### 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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0001 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

10.5 FT

4.59 FT

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 8/22/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: 10124

LOG MILE: 1.08

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33101240012

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-124** 

CROSSING: W.12TH ST (FAU 4425)

LOCATION: 4.2 MI S OF TN RIVER

#### - CLASSIFICATION -

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 70.4

IDENTIFICATION	JIN		<u> </u>	
(16a,b) LATITUDE:	N	35.04265	DEGREES	(112)
(17a,b) LONGITUDE:	W	85.31462	DEGREES	(104)
(98a) BORDER BRIDGE STATE CODE:			N/A	(26)
(98b) PERCENT SHARE:			N/A	(101)
(99) BORDER BRIDGE NUMBER:		NOT A	PPLICABLE	(102)

#### BRIDGE TYPE AND MATERIAL

- IDENTIFICATION

(43a) MAIN SPAN MATERIAL: STEEL

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	3
(46) NUMBER OF APPROACH SPANS	: 0
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE A	AND DECK PROTECTION:
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE

A) TYPE OF SURFACE: MONOLITHIC CONCRETE
B) TYPE MEMBRANE: NONE
C) TYPE PROTECTION: NONE

# AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4

(28a) NUMBER OF LANES CARRIED BY BRIDGE:
(28b) NUMBER OF LANES UNDER THE BRIDGE:

GEOMETRIC DATA		
(48) MAXIMUM SPAN LENGTH:	64.0	FT
(49) TOTAL BRIDGE LENGTH:	148.0	FT
(50a) LEFT SIDEWALK WIDTH:	0.0	FT
(50b) RIGHT SIDEWALK WIDTH:	0.0	FT
(51) BRIDGE CURB TO CURB WIDTH:	47.9	FT
(52) BRIDGE OUT TO OUT WIDTH:	49.2	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	45.9	FT

(33) BRIDGE MEDIAN:
OPEN 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:
48.0 FT
(54a) VERT UNDERCLR:
HIGHWAY BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE:
14.6 FT
(55a) HORZ UNDERCLR:
HIGHWAY BENEATH BRIDGE

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: **12.47 FT** 

(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE

NAVIGATION DATA

	MATION DATA	
(38)	NAV CONTROL:	NOT APPLICABLE
(39)	NAVIGATION VERTICAL CLEARANCE:	N/A
(116	LIFT BRIDGE VERT CLEARANCE:	N/A

(40) NAVIGATION HORZ CLEARANCE:

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

#### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

IN LOADING: HS-	20-44
OSTING (2 AXLE VEHICLES): ALL LEGAL LO	DADS
OSTING (3 OR MORE AXLES): ALL LEGAL LO	DADS
E POSTING CODE:	5

(41) WT POSTING STATUS: OPEN

2

N/A

#### **APPRAISAL**

	711 110 110712
6	(67) STRUCTURAL EVALUATION:
2	(68) DECK GEOMETRY:
6	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
0000	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT

(76)	LENGTH OF BRIDGE IMPROVEMENT:	148 FT
(94)	BRIDGE IMPROVEMENT COST:	\$826,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$83,000.00
(96)	TOTAL PROJECT COST:	\$1,240,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2019
INSPECTION DATES		

(90) DATE OF LAST REGULAR INSPECTION:	8/22/2018
(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



COUNTY: HAMILTON

YES

ROUTE: 10124

LOG MILE: 1.08

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 94.6

BRIDGE ID NUMBER: 33101240011

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-124

CROSSING: W.12TH ST (NFA 410)

LOCATION: 4.2 MI S OF TN RIVER

#### CLASSIFICATION -

IDENTIFICATION	ON			<b></b>
(16a,b) LATITUDE:	N	35.04167 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.31668 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NH
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN INT
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	RIGHT LAN
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY
BRIDGE TYPE AND MA	ΔΤΕ	RIAI ———	(103) TEMPORARY BRIDGE:	NOT API
DIVIDOR I II E AND MI	~! L	-11/7-	(440) NIATIONIAL TRUICK BOLLTE	ON TRUCK

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:

•	(10) HOMBER OF MEMORIA
0	(46) NUMBER OF APPROACH SPANS:
ETE CAST-IN-PLACE	(107) TYPE OF DECK:
K PROTECTION:	(108) TYPE OF WEARING SURFACE A
OLITHIC CONCRETE	A) TYPE OF SURFACE:

B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE

#### AGE AND SERVICE

2018	7) YEAR THE BRIDGE WAS BUILT:	(27
N/A	06) YEAR THE BRIDGE WAS REHABILITATED:	(10
HIGHWAY	2a) SERVICE ON BRIDGE:	(42
HIGHWAY	2b) UNDER BRIDGE:	(42
2	Ba) NUMBER OF LANES CARRIED BY BRIDGE:	(28
2	Bb) NUMBER OF LANES UNDER THE BRIDGE:	(28

#### GEOMETRIC DATA

74.1 FT	(48) MAXIMUM SPAN LENGTH:
74.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
72.8 FT	(51) BRIDGE CURB TO CURB WIDTH:
74.1 FT	(52) BRIDGE OUT TO OUT WIDTH:
74.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
8 DEGREES	(34) BRIDGE SKEW:
YES, FLARED	(35) BRIDGE FLARE:
IO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
Y: <b>72.8 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
ENEATH BRIDGE	(54a) VERT UNDERCLR: <b>HIGHWAY</b>
18 67 ET	(5/16) MINI VEDTICAL LINDEDCI EADANCE:

(54b) MIN VERTICAL UNDERCLEARANCE: 18.67 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 12.47 FT

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA (38) NAV CONTROL: NOT APPLICABLE

(66) 1011 66111162.	NOT ALL LICABLE
(39) NAVIGATION VERTICAL CLEARANCE:	N/A
(116) LIFT BRIDGE VERT CLEARANCE:	N/A
(40) NAVIGATION HORZ CLEARANCE:	N/A

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

NHS ROUTE ITERSTATE **NE BRIDGE** AY TRAFFIC **PPLICABLE** (110) NATIONAL TRUCK ROUTE: 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:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

#### DESIGN LOAD AND WEIGHT POSTING =

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

(41) WT POSTING STATUS: OPEN

APPRAISAL	
(67) STRUCTURAL EVALUATION:	8
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	9
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1N1N
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

T APPLICABLE

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	8/22/2018
(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



BRIDGE ID NUMBER: 33101240014

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: I-124

CROSSING: W. 9TH ST. (FAU 3551)

LOCATION: 3 MI S OF TN RIVER

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COUNTY: HAMILTON

ROUTE: 10124 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 1.34

SUFFICIENCY RATING: 44.5

IDENTIFICATION —			
(16a,b) LATITUDE: N 35.04	1638 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W 85.3	1417 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS: URBA	N INTERSTATE
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE: LEFT	LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NO	T APPLICABLE	(102) TRAFFIC DIR:	-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE: NO	T APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED COI		(110) NATIONAL TRUCK ROUTE: ON TRU	CK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	TORETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICA NOT BEEN DETERMINE	
(45) NUMBER OF MAIN SPANS:	4	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:	7
(107) TYPE OF DECK:	OTHER	(59) SUPERSTRUCTURE:	4
(108) TYPE OF WEARING SURFACE AND DECK PR	OTECTION:	(60) SUBSTRUCTURE:	6
A) TYPE OF SURFACE:	ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION	N: <b>N</b>
B) TYPE MEMBRANE:	UNKNOWN	(62) CULVERT CONDITION (IF APPLICABLE):	N
C) TYPE PROTECTION:	NONE	DESIGN LOAD AND WEIGHT POST	NG ——
AGE AND SERVICE		(31) DESIGN LOADING:	HS-20-44
(27) YEAR THE BRIDGE WAS BUILT:	1958	WEIGHT POSTING (2 AXLE VEHICLES): ALL	LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A	,	LEGAL LOADS
(42a) SERVICE ON BRIDGE:	HIGHWAY	(70) BRIDGE POSTING CODE:	5
(42b) UNDER BRIDGE:	HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	4	APPRAISAL —	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	6	(67) STRUCTURAL EVALUATION:	4
GEOMETRIC DATA		(68) DECK GEOMETRY:	2
(48) MAXIMUM SPAN LENGTH:	64.0 FT	(69) UNDERCLEARANCE RATING:	6
(49) TOTAL BRIDGE LENGTH:	198.2 FT	(71) WATERWAY ADEQUACY:	N
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	0000
(51) BRIDGE CURB TO CURB WIDTH:	49.9 FT	(113) SCOUR CONDITION RATING:	N
(52) BRIDGE OUT TO OUT WIDTH:	61.4 FT	RECOMMENDED IMPROVEMENT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	45.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DE NEEDED)	
(33) BRIDGE MEDIAN:	OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	198.2 FT
(34) BRIDGE SKEW:	30 DEGREES	(94) BRIDGE IMPROVEMENT COST:	\$539,000.00
(35) BRIDGE FLARE:	NO FLARE	(95) ROADWAY IMPROVEMENT COST:	\$54,000.00
` ,	O RESTRICTION	(96) TOTAL PROJECT COST:	\$809,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY	50.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2018
•	NEATH BRIDGE	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE:	18.6 FT	(90) DATE OF LAST REGULAR INSPECTION:	8/22/2018
•	NEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS)	
(55b) MIN HORZ UNDERCLR ON RIGHT:	12.47 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(56) MIN HORZ UNDERCLR ON LEFT:	4.92 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	, N
——— NAVIGATION DATA —		(93c) DATE OF SPECIAL INSPECTION (MO/YR):	1

**NOT APPLICABLE** 

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(38) NAV CONTROL:

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

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(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33101240013

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-124** 

CROSSING: I-124-RL / W. 9TH ST.

LOCATION: 3 MI S OF TN RIVER

#### COUNTY: HAMILTON ROUTE: 10124

LOG MILE: 1.34

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 93.5

#### 

(16a,b) LATITUDE:	N	35.04625 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:
(17a,b) LONGITUDE:	W	85.31387 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:

#### 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	S: <b>0</b>
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE	AND DECK PROTECTION:

A) TYPE OF SURFACE:

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

ASPHALT

NONE

NONE

#### - AGE AND SERVICE -

2018	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
6	(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA

	GLOWIL TRIC DATA
138.5 FT	(48) MAXIMUM SPAN LENGTH:
138.5 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
74.8 FT	(51) BRIDGE CURB TO CURB WIDTH:
75.5 FT	(52) BRIDGE OUT TO OUT WIDTH:
74.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
OPEN MEDIAN	(33) BRIDGE MEDIAN:
26 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>74.8 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: HIGHWAY
18.6 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
BENEATH BRIDGE	(55a) HORZ UNDERCLR: HIGHWAY

# (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA

NOT APPLICABLE	8) NAV CONTROL:	(38)
N/A	9) NAVIGATION VERTICAL CLEARANCE:	(39)
N/A	16) LIFT BRIDGE VERT CLEARANCE:	(116)
N/A	0) NAVIGATION HORZ CLEARANCE:	(40)

PUBLICATION DATE 19-Mar-20

(55b) MIN HORZ UNDERCLR ON RIGHT:

ATION	CLASSIFICATION
t: YES	(112) MEETS NBIS BRIDGE LENGTH:
1: NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:
URBAN INTERSTATE	(26) FUNCTIONAL CLASS:
RIGHT LANE BRIDGE	(101) PARALLEL BRIDGE:
1-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:
PRICAL SIGNIFICANCE HAS BEEN DETERMINED	` ,

#### CONDITION RATINGS =

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

#### DESIGN LOAD AND WEIGHT POSTING

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

#### ADDDAIGAI

APPRAISAL	
(67) STRUCTURAL EVALUATION:	8
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	5
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1N1N
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

T APPLICABLE

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

10.5 FT

4.92 FT

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

8/22/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
1	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: **10124** 

LOG MILE: 1.55

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33101240015

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-124

CROSSING: W. 6TH ST (FAU 3550)

LOCATION: 2 MI S OF RIVER	SUFFICIENCY RATING: 94.4
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.04943 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.31402 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
	(103) TEMPORARY BRIDGE: NOT APPLICABLE
BRIDGE TYPE AND MATERIAL	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(TIM)/WITHOUTHURE NOTAL EIGHDE	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 1	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 8
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 8
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 8
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HL-93
(27) YEAR THE BRIDGE WAS BUILT: 2018	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 4	(67) STRUCTURAL EVALUATION: 8
GEOMETRIC DATA	(68) DECK GEOMETRY: 9
	(69) UNDERCLEARANCE RATING: 6
(48) MAXIMUM SPAN LENGTH: 102.0 FT	(71) WATERWAY ADEQUACY: N
(49) TOTAL BRIDGE LENGTH: 102.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1N1N
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: N
(51) BRIDGE CURB TO CURB WIDTH: 73.2 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: <b>75.1 FT</b> (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: <b>73.2 FT</b>	(75) TYPE OF WORK: NOT APPLICABLE
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 73.2 FT (33) BRIDGE MEDIAN: OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: O DEGREES	(94) BRIDGE IMPROVEMENT COST:
	(95) ROADWAY IMPROVEMENT COST:
(35) BRIDGE FLARE:  NO FLARE  (52) MIN VERTICAL CLEARANCE OVER RD: NO BESTDICTION	(96) TOTAL PROJECT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 73.2 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES ————
(54a) VERT UNDERCLR: <b>HIGHWAY BENEATH BRIDGE</b> (54b) MIN VERTICAL UNDERCLEARANCE: <b>18.6 FT</b>	(90) DATE OF LAST REGULAR INSPECTION: 8/22/2018
(55a) HORZ UNDERCLE: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 10.5 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 2.95 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
(50) WHAT HOLZ GIADEROLIT ON LEFT. 2.93 FI	(JZD) GIDELIVIATELI IIIOI TILEGOENOT (MONTIO).

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

NAVIGATION DATA -

**NOT APPLICABLE** 

N/A

N/A

N/A

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N/A

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(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33101240016

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: I-124

CROSSING: W. 6TH ST (FAU 3550)

LOCATION: 2 MI S OF TN RIVER

## COUNTY: HAMILTON ROUTE: **10124**

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 1.55 SUFFICIENCY RATING: 56.0

## - CLASSIFICATION -

IDENTIFICATION —			
(16a,b) LATITUDE:	N 35.04950 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W 85.31445 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN INTERSTATE</b>
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE:	LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND MA		(103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROUTE:	NOT APPLICABLE 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

HS-20-44
ALL LEGAL LOADS
ALL LEGAL LOADS
5

(41) WT POSTING STATUS: OPEN

## **APPRAISAL**

5	(67) STRUCTURAL EVALUATION:
2	(68) DECK GEOMETRY:
6	(69) UNDERCLEARANCE RATING:
N	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
000N	(36) TRAFFIC SAFETY FEATURES:
N	(113) SCOUR CONDITION RATING:

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	BRIDGE WIDENING (NO DECK REPAIRS
	NEEDED)

	NEEDED)	
137.1 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$377,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$38,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$566,000.00	TOTAL PROJECT COST:	(96)
2018	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)
INSPECTION DATES		
	(00) 5 4 7 5 6 5 4 6 7 5 5 6 5 11 4 5 11 6 5 5 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	

8/22/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

	5.04950 DEGREES 5.31445 DEGREES N/A N/A NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE	
(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: CONCRE (108) TYPE OF WEARING SURFACE AND DECK A) TYPE OF SURFACE: B) TYPE MEMBRANE: C) TYPE PROTECTION:	4 0 TE CAST-IN-PLACE
AGE AND SERVICE	
<ul><li>(27) YEAR THE BRIDGE WAS BUILT:</li><li>(106) YEAR THE BRIDGE WAS REHABILITATED</li><li>(42a) SERVICE ON BRIDGE:</li><li>(42b) UNDER BRIDGE:</li></ul>	1958 : N/A HIGHWAY HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE (28b) NUMBER OF LANES UNDER THE BRIDGE	: 4
GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH:	42.0 FT 137.1 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	49.9 FT
(52) BRIDGE OUT TO OUT WIDTH:	61 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH	: 49.9 FT
(54b) MIN VERTICAL UNDERCLEARANCE:	BENEATH BRIDGE 16.44 FT
	BENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:	10.5 FT 2.95 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



BRIDGE ID NUMBER: 33101240018

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **I-124** 

CROSSING: W. 4TH ST (SR 389)

LOCATION: 1 MI S OF TN RIVER

COUNTY: HAMILTON

ROUTE: 10124 SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 1.74

SUFFICIENCY RATING: 55.3

IDENTIFICATION ————————————————————————————————————	
(16a,b) LATITUDE: N 35.05195 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.31393 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN INTERSTATE
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>CONCRETE</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:	———— CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>5</b>
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 6
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 6
A) TYPE OF SURFACE:  ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	— DESIGN LOAD AND WEIGHT POSTING —
,	
AGE AND SERVICE	
(27) YEAR THE BRIDGE WAS BUILT: 1958	WEIGHT POSTING (2 AXLE VEHICLES):  WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: HIGHWAY	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 3	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
(48) MAXIMUM SPAN LENGTH: 42.0 FT	(69) UNDERCLEARANCE RATING: 4
(49) TOTAL BRIDGE LENGTH: 160.1 FT	(71) WATERWAY ADEQUACY:
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 6
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: ONON
(51) BRIDGE CURB TO CURB WIDTH: 38.1 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 44 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 36.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT
(33) BRIDGE MEDIAN: OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 160.1 FT
(34) BRIDGE SKEW: 10 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$642,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$65,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$964,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 38.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2020
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 16.44 FT	(90) DATE OF LAST REGULAR INSPECTION: 8/22/2018
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 5.58 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 2.95 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

7

7

5

Ν

Ν

5

2

4

Ν

Ν

ONON

160.1 FT

\$497,000.00

\$746,000.00

\$50,000.00

8/22/2018

2018

24

N/A

N/A

Ν

Ν

HS-20-44

ALL LEGAL LOADS

ALL LEGAL LOADS

**NHS ROUTE** 

**URBAN INTERSTATE** 

**RIGHT LANE BRIDGE** 

ON TRUCK NETWORK

1-WAY TRAFFIC

**NOT APPLICABLE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33101240017 COUNTY: HAMILTON ROUTE: 10124 BRIDGE OWNER: STATE OF TENNESSEE SPECIAL CASE: 0 FIPS CODE: 14000 ROAD NAME: I-124 COUNTY SEQUENCE: 1 CROSSING: W. 4TH ST (SR 389) LOG MILE: 1.74 LOCATION: 1 MI S OF TN RIVER SUFFICIENCY RATING: 47.1 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.05205 DEGREES (17a,b) LONGITUDE: 85.31372 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: **ASPHALT** (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: UNKNOWN DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: E VND SEDVI WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN **APPRAISAL** (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY:

0.0 FT

0.0 FT

25.9 FT

32.2 FT

N/A

	AGE AND SERVICE	
1958	(27) YEAR THE BRIDGE WAS BUILT:	
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:	
HIGHWAY	(42a) SERVICE ON BRIDGE:	
HIGHWAY	(42b) UNDER BRIDGE:	
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:	
2	(28b) NUMBER OF LANES UNDER THE BRIDGE:	
GEOMETRIC DATA		
42.0 FT	(48) MAXIMUM SPAN LENGTH:	
160.1 FT	(49) TOTAL BRIDGE LENGTH:	

TH: <b>34.1 FT</b>	(32) APPROACH ROADWAY (W/ S
EDIAN - NO BARRIER	(33) BRIDGE MEDIAN:
10 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE
DWAY: <b>12.0 FT</b>	(47) MIN HORIZONTAL CLEARANG
AY BENEATH BRIDGE	(54a) VERT UNDERCLR:
23.75 FT	(54b) MIN VERTICAL UNDERCLEA
AY BENEATH BRIDGE	(55a) HORZ UNDERCLR:
5.58 FT	(55b) MIN HORZ UNDERCLR ON F
2.95 FT	(56) MIN HORZ UNDERCLR ON L

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

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**BRIDGE WIDENING (NO DECK REPAIRS** 

(69) UNDERCLEARANCE RATING:

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(72) APPROACH ROADWAY ALIGNMENT:

(76) LENGTH OF BRIDGE IMPROVEMENT:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(90) DATE OF LAST REGULAR INSPECTION:

(94) BRIDGE IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(95) ROADWAY IMPROVEMENT COST:

RECOMMENDED IMPROVEMENTS

INSPECTION DATES

NEEDED)

(71) WATERWAY ADEQUACY:

(75) TYPE OF WORK:

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:

(51) BRIDGE CURB TO CURB WIDTH:

(52) BRIDGE OUT TO OUT WIDTH:



BRIDGE ID NUMBER: 33SR0020001 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR002

FIPS CODE: **14000** 

ROAD NAME: CUMMINGS HWY. CROSSING: BLACK CREEK

LOCATION: 0.82 MI.E OF MARION CO.

# CLASSIFICATION =

SPECIAL CASE: 0

LOG MILE: 0.82

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 84.5

 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: YES Ν 35.02598 DEGREES (17a,b) LONGITUDE: 85.40360 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

N

LI 45 44

# (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: **NOT APPLICABLE** (107) TYPE OF DECK: **NOT APPLICABLE**

## (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: B) TYPE MEMBRANE: **NOT APPLICABLE** C) TYPE PROTECTION: **NOT APPLICABLE**

	AGE AND SERVICE
1935	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:
	GEOMETRIC DATA

7.9 FT	(48) MAXIMUM SPAN LENGTH:
21.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
32.2 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
<b>45 DEGREES</b>	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
O RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
: 32.0 FT	(47) MIN HORIZONTAL CLEARANCE ON ROADWA

(47) MIN HORIZONTAL CLEARAI	NCE ON ROADW	'AY: <b>32.0 FT</b>
(54a) VERT UNDERCLR:	NOT A HIGHV	VAY OR RAILROAD
(54b) MIN VERTICAL UNDERCLE	EARANCE:	NOT APPLICABLE
(55a) HORZ UNDERCLR:	NOT A HIGHV	VAY OR RAILROAD
(55b) MIN HORZ UNDERCLR ON	RIGHT:	NOT APPLICABLE
(56) MIN HORZ UNDERCLR ON	LEFT:	NOT APPLICABLE
NAVIGATION DATA		

N	AVIGATION	DATA
(38) NAV CONTROL:		NO NAV

(38) NAV CONTROL:	NO NAVIGATION CONTROL
(39) NAVIGATION VERTICAL CLEARA	NCE: N/A
(116) LIFT BRIDGE VERT CLEARANCE	: <b>N/A</b>
(40) NAVIGATION HORZ CLEARANCE	: <b>N/A</b>

PUBLICATION DATE
19-Mar-20

	<ul> <li>CONDITION RATINGS -</li> </ul>
(58) DECK:	

(00) 2 20	
(59) SUPERSTRUCTURE:	N
(60) SUBSTRUCTURE:	N
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
(62) CULVERT CONDITION (IF APPLICABLE):	6

## DESIGN LOAD AND WEIGHT POSTING

п-15-44		(31) DESIGN LOADING.
ALL LEGAL LOADS	EHICLES):	WEIGHT POSTING (2 AXLE V
ALL LEGAL LOADS	RE AXLES):	WEIGHT POSTING (3 OR MO
5	:	(70) BRIDGE POSTING CODE
	OPEN	(41) WT POSTING STATUS:

## ADDDAICAI

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

### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	NOT APPLICABLE	
(76)	LENGTH OF BRIDG	SE IMPROVEMENT:	N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(21) DESIGN LOADING.

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	11/5/2018
(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



COUNTY: HAMILTON

ROUTE: SR002

LOG MILE: 3.64

BRIDGE ID NUMBER: 33SR0020005 BRIDGE OWNER: STATE OF TENNESSEE SPECIAL CASE: 0

FIPS CODE: 14000

ROAD NAME: CUMMINGS HWY. CROSSING: LOOKOUT CREEK

LOCATION: IN TIFTONIA SUFFICIENCY RATING: 88.8

0

**NOT APPLICABLE** 

### IDENTIFICATION (16a,b) LATITUDE: Ν 35.02085 DEGREES (17a,b) LONGITUDE: 85.35800 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(99) BORDER BRIDGE NUMBER:

(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: MONOLITHIC CONCRETE B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

### AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 2012 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: **WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 130.0 FT (49) TOTAL BRIDGE LENGTH: 520.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 67.9 FT (52) BRIDGE OUT TO OUT WIDTH: 69.9 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 67.9 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: 67.9 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

### NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

# CLASSIFICATION -

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN MINOR ARTERIAL** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

COUNTY SEQUENCE: 1

(102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY 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
VEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
VEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
70) BRIDGE POSTING CODE:	5

(41) WT POSTING STATUS: OPFN

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

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

11/5/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
08/2017	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
Y60	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: SR002

LOG MILE: 3.86

BRIDGE ID NUMBER: 33SR0020007

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: CUMMINGS HWY. CROSSING: CSX RAILROAD

LOCATION: IN TIFTONIA

SUFFICIENCY RATING: 35.9

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

LOCATION: IN TIFTONIA	SUFFICIENCY RATING: 35.9
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.02110 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.35385 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 1	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 6
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 5
A) TYPE OF SURFACE:  ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: H-15-44
(27) YEAR THE BRIDGE WAS BUILT: 1935	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: RAILROAD	(41) WT POSTING STATUS: WEIGHT POSTED
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 4	APPRAISAL -
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 4
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
(48) MAXIMUM SPAN LENGTH: 62.0 FT	(69) UNDERCLEARANCE RATING: 4
(49) TOTAL BRIDGE LENGTH: 62.0 FT	(71) WATERWAY ADEQUACY: N
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 000N
(51) BRIDGE CURB TO CURB WIDTH: 40 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 43.3 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 40.0 FT	(75) TYPE OF WORK: BRIDGE REPLACEMENT
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 86 FT
(34) BRIDGE SKEW: 49 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$1,060,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$107,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$1,591,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 20.51 FT	(90) DATE OF LAST REGULAR INSPECTION: 11/5/2018
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 11.48 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR002

LOG MILE: 4.84

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 53.2

BRIDGE ID NUMBER: 33SR0020009

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: CUMMINGS HWY.

CROSSING: RAVINE -LOOKOUT MOUNTAIN

LOCATION: JCT OF SR-148

IDENTIFICA	HON		CLASSIFICAT	ION
(16a,b) LATITUDE:	N	35.02163 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.33980 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND	МДТЕ	RIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
		-1\1/4	(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: CONCR	RETE		(37) HISTORICAL CLASS: HISTORI	CAL SIGNIFICANCE HAS
(44a) APPR SPAN MATERIAL: NOT AF	PLICA	BLE	` '	EN DETERMINED

(45) NUMBER OF MAIN SPANS:	36	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPA		(58) DECK:	7
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:	5
(108) TYPE OF WEARING SURFAC	E AND DECK PROTECTION:	(60) SUBSTRUCTURE:	7
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	5
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICABLE):	N
C) TYPE PROTECTION:	NONE	DESIGN LOAD AND WEIGHT POSTING =	

AGE AND SERVICE		(31) DESIGN LOADING:	H-15-44
	4005	WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT:	1935	WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A		, 122 220, 12 20, 130
(42a) SERVICE ON BRIDGE:	HIGHWAY	(70) BRIDGE POSTING CODE:	5
(42b) UNDER BRIDGE:	OTHER	(41) WT POSTING STATUS: WEIGHT POST	Eυ

(420) UNDER BRIDGE:	OTHER	 ABBBAIGAI	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	2	 APPRAISAL	

(28b) NUMBER OF LANES UNDER THE BRIDGE:	0	(67) STRUCTURAL EVALUATION:	4
GEOMETRIC DATA		(68) DECK GEOMETRY:	5
(48) MAXIMUM SPAN LENGTH:	43.0 FT	(69) UNDERCLEARANCE RATING:	N
(49) TOTAL BRIDGE LENGTH:	1075.1 FT	(71) WATERWAY ADEQUACY:	N
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:	ONON
(51) BRIDGE CURB TO CURB WIDTH:	40 FT	(113) SCOUR CONDITION RATING.	N

### (51) RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 43.3 FT (75) TYPE OF WORK: **BRIDGE DECK REPAIR** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 40.0 FT

(76) LENGTH OF BRIDGE IMPROVEMENT: 1075.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: \$1,255,000,00 (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: \$126,000.00 (35) BRIDGE FLARE: **NO FLARE** 

(96) TOTAL PROJECT COST: \$1,883,000.00 **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD:

(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

 INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: 11/28/2018

**NOT A HIGHWAY OR RAILROAD** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55a) HORZ UNDERCLR: 24 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS):

**NOT APPLICABLE** (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A - NAVIGATION DATA -

(38) NAV CONTROL: (92c) SPECIAL INSP FREQUENCY (MONTHS): **NOT APPLICABLE** Ν (39) NAVIGATION VERTICAL CLEARANCE: N/A PRODUCED PURSUANT TO

PUBLIC RECORDS REQUEST (40) NAVIGATION HORZ CLEARANCE: N/A This document is covered by 23 USC §409 and its production pursuant to a public document records request does not

N/A

waive the provisions of §409

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(116) LIFT BRIDGE VERT CLEARANCE:



YES

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N/A

11/19/2018

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N/A

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HS-20-44

**NHS ROUTE** 

2-WAY TRAFFIC

BRIDGE ID NUMBER: 33SR0020013 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR002 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: BROAD ST. COUNTY SEQUENCE: 1 CROSSING: CHATTANOOGA CREEK&CSX RR LOG MILE: 6.60 LOCATION: 0.58 MI. S OF I-24 JCT. SUFFICIENCY RATING: 85.0 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: Ν 35.02282 DEGREES 85.31920 DEGREES (104) NATIONAL HIGHWAY SYSTEM:

(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 7 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: NONE (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1968 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: OPEN **RAILROAD-WATERWAY** (42b) UNDER BRIDGE: **APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 60.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 366.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 3.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 3.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 69.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 80.1 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 62.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 12 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT INSPECTION DATES **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 22.93 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: 17.06 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 22.64 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): - NAVIGATION DATA -

(38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A N/A

(40) NAVIGATION HORZ CLEARANCE:

**PUBLICATION DATE** 19-Mar-20

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(92c) SPECIAL INSP FREQUENCY (MONTHS):



PUBLIC RECORDS REQUEST

BRIDGE ID NUMBER: 33SR0270007 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR002
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: E. 23RD ST. COUNTY SEQUENCE: 1

CROSSING: SOUTHERN RWY & CSX RR LOG MILE: 8.28 LOCATION: 0.78 MI. N OF I-24 JCT. SUFFICIENCY RATING: 77.6

LOCATION. U.76 WII. N OF 1-24 JCT.	SUFFICIENCY RATING. 11.0
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.02608 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.30295 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: STEEL CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 2	———— CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 3	(58) DECK: <b>6</b>
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: PREFORMED FABRIC	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1963 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: RAILROAD	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
	(69) UNDERCLEARANCE RATING: 4
(48) MAXIMUM SPAN LENGTH: 75.1 FT	(71) WATERWAY ADEQUACY: N
(49) TOTAL BRIDGE LENGTH: 296.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 7
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: ONNN
(50b) RIGHT SIDEWALK WIDTH: 5.9 FT	(113) SCOUR CONDITION RATING: N
(51) BRIDGE CURB TO CURB WIDTH: <b>25.9 FT</b> (52) BRIDGE OUT TO OUT WIDTH: <b>35.1 FT</b>	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 25.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR
(02) ALT NOADITAD WAT (WI CHEDO) WIDTH: 20.3 11	OR REPLACEMENT
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 296.9 FT
(34) BRIDGE SKEW: 27 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$749,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$75,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$1,124,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 26.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 24.02 FT	(90) DATE OF LAST REGULAR INSPECTION: 11/19/2018
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO

(40) NAVIGATION HORZ CLEARANCE:

N/A

PUBLICATION DATE

19-Mar-20

N/A

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N/A

(116) LIFT BRIDGE VERT CLEARANCE:



YES

**NHS ROUTE** 

1-WAY TRAFFIC

**NOT APPLICABLE** 

NOT ON TRUCK NETWORK

BRIDGE ID NUMBER: 33SR0270008 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR002 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: E. 23RD ST. COUNTY SEQUENCE: 1 CROSSING: SOUTHERN RWY & CSX RR LOG MILE: 8.28 LOCATION: 0.78 MI. N OF I-24 JCT. SUFFICIENCY RATING: 74.6 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.02625 DEGREES (17a,b) LONGITUDE: 85.30290 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE** 

(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: 3 CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: PREFORMED FABRIC NONE C) TYPE PROTECTION:

- AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1963 (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (42b) UNDER BRIDGE: **RAILROAD** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 75.1 FT (49) TOTAL BRIDGE LENGTH: 296.9 FT (50a) LEFT SIDEWALK WIDTH: 5.9 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 38.1 FT (52) BRIDGE OUT TO OUT WIDTH: 47.2 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 36.1 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 27 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION** (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 26.5 FT (54a) VERT UNDERCLR: **RAILROAD BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: 23 92 FT (55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

**NAVIGATION DATA** (38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: (116) LIFT BRIDGE VERT CLEARANCE:

N/A N/A (40) NAVIGATION HORZ CLEARANCE: N/A (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** 

(102) TRAFFIC DIR:

(103) TEMPORARY BRIDGE:

(110) NATIONAL TRUCK ROUTE:

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

CONDITION RATINGS

DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: **OPEN** 

**APPRAISAL** 

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

RECOMMENDED IMPROVEMENTS

**BRIDGE WIDENING WITH DECK REPAIR** (75) TYPE OF WORK: OR REPLACEMENT

(76) LENGTH OF BRIDGE IMPROVEMENT: 296.9 FT (94) BRIDGE IMPROVEMENT COST: \$807,000.00 (95) ROADWAY IMPROVEMENT COST: \$81,000.00 (96) TOTAL PROJECT COST: \$1,211,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 11/19/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON BRIDGE ID NUMBER: 33SR0020023 BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR002 SPECIAL CASE: 0 FIPS CODE: 14000 ROAD NAME: BRAINERD RD. COUNTY SEQUENCE: 1 CROSSING: SOUTH CHICKAMAUGA CREEK LOG MILE: 14.94 LOCATION: 2.01 MI. W OF SR-153 JCT. SUFFICIENCY RATING: 82.0

IDENTIFICATION	
(16a,b) LATITUDE: N 35.01415 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.21065 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 5	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>8</b>
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 8
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8 (62) CULVERT CONDITION (IF APPLICABLE): N
B) TYPE MEMBRANE: NONE	(,,, (,,,,,,,,,,,,
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	— DESIGN LOAD AND WEIGHT POSTING —
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1993	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(425) ONDER BRIDGE.	ADDD 410 41
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7	APPRAISAL ————
` '	(67) STRUCTURAL EVALUATION: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7	(67) STRUCTURAL EVALUATION: 8 (68) DECK GEOMETRY: 5
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING:  N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: 7
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 86.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 86.9 FT (49) TOTAL BRIDGE LENGTH: 414.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: 1000
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 86.9 FT (49) TOTAL BRIDGE LENGTH: 414.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 86.9 FT (49) TOTAL BRIDGE LENGTH: 414.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 5.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 86.9 FT (49) TOTAL BRIDGE LENGTH: 414.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (51) BRIDGE CURB TO CURB WIDTH: 88.6 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 96.8 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (1000)  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  87  7  86.9 FT  87  87  87  87  88.6 FT  96.8 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (1000  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  7  86.9 FT  414.0 FT  414.0 FT  88.6 FT  96.8 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 10 DEGREES	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 88.7 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (1000)  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 86.9 FT (49) TOTAL BRIDGE LENGTH: 414.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (51) BRIDGE CURB TO CURB WIDTH: 88.6 FT (52) BRIDGE OUT TO OUT WIDTH: 96.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 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: 88.7 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 86.9 FT (49) TOTAL BRIDGE LENGTH: 414.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (51) BRIDGE CURB TO CURB WIDTH: 88.6 FT (52) BRIDGE OUT TO OUT WIDTH: 96.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 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: 88.7 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 11/26/2018
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 86.9 FT (49) TOTAL BRIDGE LENGTH: 414.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (51) BRIDGE CURB TO CURB WIDTH: 88.6 FT (52) BRIDGE OUT TO OUT WIDTH: 96.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 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: 88.7 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (11/26/2018) (91) REGULAR INSPECTION FREQUENCY (MONTHS):
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (540) VERT UNDERCLR: (541) NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (542) VERT UNDERCLR: (543) VERT UNDERCLR: (544) VERT UNDERCLR: (554) HORZ UNDERCLR: (555) MIN HORZ UNDERCLR ON RIGHT: (556) NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (520) MIN VERTICAL CLEARANCE ON ROADWAY: (37) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (540) VERT UNDERCLR: (541) NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (542) VERT UNDERCLR: (543) VERT UNDERCLR: (544) VERT UNDERCLR: (554) HORZ UNDERCLR: (555) MIN HORZ UNDERCLR ON RIGHT: (556) NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

(40) NAVIGATION HORZ CLEARANCE: N/A **PUBLICATION DATE** 19-Mar-20

N/A

N/A

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR002

LOG MILE: 16.24

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 83.0

BRIDGE ID NUMBER: 33SR0020025

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: LEE HWY.

CROSSING: CSX RAILROAD

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

### CONDITION RATINGS

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

### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: **OPEN** 

### **APPRAISAL**

(67) STRUCTURAL EVALUATION:
8 (68) DECK GEOMETRY:
9 (69) UNDERCLEARANCE RATING:
4 (71) WATERWAY ADEQUACY:
N (72) APPROACH ROADWAY ALIGNMENT:
8 (36) TRAFFIC SAFETY FEATURES:
111N (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 =

11/8/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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document records request does not
waive the provisions of §409

LOCATION: 0.72 MI. W OF SR-153 JCT.			
IDENTIFICATION			
(16a,b) LATITUDE: N (17a,b) LONGITUDE: W (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER: BRIDGE TYPE AND MATE	35.02568 DEGREES 85.19273 DEGREES N/A N/A NOT APPLICABLE		
(43a) MAIN SPAN MATERIAL: <b>PRESTRESSE</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICA</b>			
(45) NUMBER OF MAIN SPANS:	1		
(46) NUMBER OF APPROACH SPANS:	0		
(107) TYPE OF DECK: CONC	RETE CAST-IN-PLACE		
(108) TYPE OF WEARING SURFACE AND DEC	CK PROTECTION:		
A) TYPE OF SURFACE: MO	NOLITHIC CONCRETE		
B) TYPE MEMBRANE:	NONE		
C) TYPE PROTECTION: EPOXY CO	OATED REINFORCING		
AGE AND SERVICE	<b>—</b>		
(27) YEAR THE BRIDGE WAS BUILT:	2012		
(106) YEAR THE BRIDGE WAS REHABILITATE			
· /	GHWAY-PEDESTRIAN		
(42b) UNDER BRIDGE:	RAILROAD		
(28a) NUMBER OF LANES CARRIED BY BRID			
(28b) NUMBER OF LANES UNDER THE BRIDG			
GEOMETRIC DATA			
(48) MAXIMUM SPAN LENGTH:	86.6 FT		
(49) TOTAL BRIDGE LENGTH:	91.9 FT		
(50a) LEFT SIDEWALK WIDTH:	4.9 FT		
(50b) RIGHT SIDEWALK WIDTH:	4.9 FT		
(51) BRIDGE CURB TO CURB WIDTH:	87.9 FT		
(52) BRIDGE OUT TO OUT WIDTH:	100.1 FT		
(32) APPROACH ROADWAY (W/ SHLDS) WID	TH: 84.0 FT NO MEDIAN		
(33) BRIDGE MEDIAN: (34) BRIDGE SKEW:	34 DEGREES		
(35) BRIDGE FLARE:	NO FLARE		
(520) MIN VERTICAL CLEARANCE OVER RD:			
(47) MIN HORIZONTAL CLEARANCE ON ROA			
• •	AD BENEATH BRIDGE		
(54b) MIN VERTICAL UNDERCLEARANCE:	20.83 FT		
•	AD BENEATH BRIDGE		
(55b) MIN HORZ UNDERCLR ON RIGHT:	8.2 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		

PUBLICATION DATE 19-Mar-20



YES

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N/A

11/14/2018

24

N/A

N/A

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1001

HS-20-44

**NHS ROUTE** 

BRIDGE ID NUMBER: 33SR0020027 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR002 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: LEE HWY. COUNTY SEQUENCE: 1 CROSSING: SR 153 LOG MILE: 16.95 LOCATION: SR-2 / SR-153 JCT. SUFFICIENCY RATING: 95.4 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.03197 DEGREES (17a,b) LONGITUDE: 85.18273 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1961 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1995 (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 6 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 55.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 193.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 102 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 104 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 102.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 20 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 102.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 17.78 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 11.48 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 2.62 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

7

5

7

7

Ν

5

2

N

7

8

5

0N00

H-15-44

ALL LEGAL LOADS

ALL LEGAL LOADS

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**NO PARALLEL BRIDGE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0020029 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR002 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: LEE HWY. COUNTY SEQUENCE: 1 CROSSING: LITTLE OOLTEWAH CREEK LOG MILE: 23.79 LOCATION: NEAR BRADLEY CO. LN. SUFFICIENCY RATING: 43.5 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.08702 DEGREES (17a,b) LONGITUDE: w 85.01680 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1929 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: 1954 (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **WEIGHT POSTED** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 33.1 FT

(71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 99.1 FT (72) APPROACH ROADWAY ALIGNMENT: 0.0 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 28.2 FT RECOMMENDED IMPROVEMENTS 33.5 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

20 DEGREES

**NO RESTRICTION** 

**NOT A HIGHWAY OR RAILROAD** 

**NO FLARE** 

28.2 FT

**BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: 34.1 FT NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 99.1 FT **NO MEDIAN** 

(94) BRIDGE IMPROVEMENT COST: \$284,000.00 (95) ROADWAY IMPROVEMENT COST: \$29,000.00 (96) TOTAL PROJECT COST: \$427,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 11/8/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

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(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(520) MIN VERTICAL CLEARANCE OVER RD:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:



NOT ON TRUCK NETWORK

HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

BRIDGE ID NUMBER: 33SR0080001 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR008

FIPS CODE: 22720

ROAD NAME: RINGGOLD RD.

CROSSING: CHICKAMAUGA CREEK

LOCATION: .5 MI.N.OF GEORGIA LINE

# CLASSIFICATION -

SPECIAL CASE: 0

LOG MILE: 0.46

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 82.0

IDENTIFICATION ————————————————————————————————————		CLASSIFICATION —		
(16a,b) LATITUDE:	N	34.98922 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.19573 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND N	/ATE	ERIAL ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

NONE

80.1 FT

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**ASPHALT** A) TYPE OF SURFACE: NONE

B) TYPE MEMBRANE: C) TYPE PROTECTION:

### AGE AND SERVICE \*\*

(27) YEAR THE BRIDGE WAS BUILT: 1976 (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

### ■ GEOMETRIC DATA •

(49) TOTAL BRIDGE LENGTH: 223.1 FT 7.9 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 7.9 FT (51) BRIDGE CURB TO CURB WIDTH: 64 FT 83.7 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 60.0 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: 64.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

# CONDITION RATINGS

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

### 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:

(41) WT POSTING STATUS: OPEN

(110) NATIONAL TRUCK ROUTE:

(37) HISTORICAL CLASS:

**APPRAISAL** (67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 7 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 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: 11/14/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

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(48) MAXIMUM SPAN LENGTH:



COUNTY: HAMILTON

ROUTE: SR008

LOG MILE: 0.95

BRIDGE ID NUMBER: 33100750003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 22720

ROAD NAME: RINGGOLD RD.

CROSSING: 175

LOCATION: 1 MI. N OF GA STATE LINE IDENTIFICATION

(16a,b) LATITUDE:	N	34.99013	DEGREES	(112
(17a,b) LONGITUDE:	W	85.20358	DEGREES	(104
(98a) BORDER BRIDGE STATE CODE:			N/A	(26)

(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:	OTHER

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: UNKNOWN **NONE** C) TYPE PROTECTION:

## AGE AND SERVICE

	710271112 021111102
1959	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
3	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
6	(28b) NUMBER OF LANES UNDER THE BRIDGE:

### GEOMETRIC DATA

/9.1 FI	(48) MAXIMUM SPAN LENGTH:
211.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
40 FT	(51) BRIDGE CURB TO CURB WIDTH:
46.9 FT	(52) BRIDGE OUT TO OUT WIDTH:
40.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(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: 40.0 FT

(54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(54b) MIN VERTICAL UNDERCLEARANCE: 16.17 FT (55a) HORZ UNDERCLR:

**HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 8.86 FT (56) MIN HORZ UNDERCLR ON LEFT: 12.14 FT

# NAVIGATION DATA

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

N/A

(40) NAVIGATION HORZ CLEARANCE:

CLASSIFICATION =

2) MEETS NBIS BRIDGE LENGTH: YES

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 63.5

SPECIAL CASE: 0

4) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 6) FUNCTIONAL CLASS:

**URBAN PRINCIPAL 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: HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

### **CONDITION RATINGS**

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

### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

### ΔΡΡ**R**ΔΙSΔΙ

AFFINAIDAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	4
(69) UNDERCLEARANCE RATING:	3
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	011N
(113) SCOUR CONDITION RATING:	N

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** NEEDED)

(76) LENGTH OF BRIDGE IMPROVEMENT: 211.9 FT (94) BRIDGE IMPROVEMENT COST: \$252,000.00 (95) ROADWAY IMPROVEMENT COST: \$26,000.00 (96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

2019

\$379,000.00

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	7/17/2018
(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



COUNTY: HAMILTON

ROUTE: SR008

LOG MILE: 0.95

BRIDGE ID NUMBER: 33100750004

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 22720

ROAD NAME: RINGGOLD RD.

CROSSING: 175

LOCATION: 1 MI N OF GA STATE LINE

IDENTIFICATION

# CLASSIFICATION -

(16a,b) LATITUDE:	N	34.98995	DEGREES	(112) ME
(17a,b) LONGITUDE:	W	85.20347	DEGREES	(104) NA
(98a) BORDER BRIDGE STATE CODE:			N/A	(26) FU
(OOL) DEDOENT OLIABE				(404) DA

(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:	OTHER

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: UNKNOWN NONE C) TYPE PROTECTION:

## AGE AND SERVICE

1959	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
3	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
6	(28b) NUMBER OF LANES UNDER THE BRIDGE:

### - GEOMETRIC DATA -

79.1 FT	(48) MAXIMUM SPAN LENGTH:
211.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
40 FT	(51) BRIDGE CURB TO CURB WIDTH:
46.9 FT	(52) BRIDGE OUT TO OUT WIDTH:
34.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(33) BRIDGE MEDIAN: **OPEN 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: 40.0 FT

(54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE:

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 8.86 FT (56) MIN HORZ UNDERCLR ON LEFT: 12.14 FT

# NAVIGATION DATA

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

N/A

(40) NAVIGATION HORZ CLEARANCE:

IEETS NBIS BRIDGE LENGTH: YES ATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 65.8

SPECIAL CASE: 0

UNCTIONAL CLASS: **URBAN PRINCIPAL 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:	7
(59) SUPERSTRUCTURE:	5
(60) SUBSTRUCTURE:	5
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

### DESIGN LOAD AND WEIGHT POSTING •

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

(41) WT POSTING STATUS: OPEN

APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	4
(69) UNDERCLEARANCE RATING:	3
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	011N
(113) SCOUR CONDITION RATING:	N

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 211.9 FT (94) BRIDGE IMPROVEMENT COST: \$527,000.00 (95) ROADWAY IMPROVEMENT COST: \$53,000.00 (96) TOTAL PROJECT COST: \$791,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

2019

### INSPECTION DATES =

7/17/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



YES

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9

N

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8

8

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99.1 FT

2018

24

N/A

N/A

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\$1,193,000.00

\$1,790,000.00

\$120,000.00

11/14/2018

H-15-44

**NHS ROUTE** 

BRIDGE ID NUMBER: 33SR0080003 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR008 FIPS CODE: 22720 SPECIAL CASE: 0 ROAD NAME: RINGGOLD RD. COUNTY SEQUENCE: 1 CROSSING: SPRING CREEK LOG MILE: 2.01 LOCATION: 1.06 MI. W OF I-75 JCT. SUFFICIENCY RATING: 74.5 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 34.99072 DEGREES (17a,b) LONGITUDE: 85.22248 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: NONE (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1930 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1962 (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: **WEIGHT POSTED** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 33.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 99.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 4.9 FT (36) TRAFFIC SAFETY FEATURES: 4.9 FT (50b) RIGHT SIDEWALK WIDTH: (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 80.1 FT RECOMMENDED IMPROVEMENTS 92.5 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 47.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 80.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (38) NAV CONTROL: **NO NAVIGATION CONTROL** (92c) SPECIAL INSP FREQUENCY (MONTHS): (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: HAMILTON

BRIDGE IS ON THE NATIONAL

ROUTE: SR008

LOG MILE: 9.68

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 31.5

BRIDGE ID NUMBER: 33SR0080007

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: MARKET ST.

CROSSING: TN RIVER & FAU 5395

LOCATION: MARKET STREET BRIDGE

IDENTIFICATION		CLASSIFICATION —————	
(16a,b) LATITUDE: N	35.05655 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W	85.30960 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MAT	FRIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
DIGUET IT EARLY MAT		(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK

358.9 FT

20 01 FT

**NOT APPLICABLE** 

(43a) MAIN SPAN MATERIAL: STEEL (44a) APPR SPAN MATERIAL: CONCRETE

(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: 16 **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION:

### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1917 (106) YEAR THE BRIDGE WAS REHABILITATED: 2007 (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN HIGHWAY-WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2

### GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH: 2000.0 FT (50a) LEFT SIDEWALK WIDTH: 5.9 FT (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (51) BRIDGE CURB TO CURB WIDTH: 36.1 FT 56.1 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 36.1 FT **NO MEDIAN** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: 16.34 FT (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 25.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 21.59 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

NAVIGATION DATA =

(38) NAV CONTROL: **NAVIGATION CONTROLLED WATERWAY** (39) NAVIGATION VERTICAL CLEARANCE: 98.4 FT (116) LIFT BRIDGE VERT CLEARANCE: 56.8 FT

(40) NAVIGATION HORZ CLEARANCE: 294.9 FT CONDITION RATINGS =

(37) HISTORICAL CLASS:

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

REGISTER

### 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:

(41) WT POSTING STATUS: WEIGHT POSTED

### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 2 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: 9 (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: 2000 FT (94) BRIDGE IMPROVEMENT COST: \$39.843.000.00 (95) ROADWAY IMPROVEMENT COST: \$3,985,000.00 (96) TOTAL PROJECT COST: \$59,765,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/25/2019 (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): 1 (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

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(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

(48) MAXIMUM SPAN LENGTH:

LOCATION: 1.1 MI FROM TN RIVER



SUFFICIENCY RATING: 72.4

BRIDGE ID NUMBER: 33SR0080013 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR008
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: CHEROKEE BLVD. COUNTY SEQUENCE: 1
CROSSING: NFA A029 & SOU RR LOG MILE: 11.35

	SUFFICIENCY RATING. 12.4	
IDENTIFICATION ————		
(16a,b) LATITUDE: N 35.07572 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 85.32208 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL	
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS: 3	———— CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7	
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N	
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):	
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	DESIGN LOAD AND WEIGHT POSTING	
AGE AND SERVICE	(31) DESIGN LOADING: H-20-44	
(27) YEAR THE BRIDGE WAS BUILT: 1958	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS	
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5	
(42b) UNDER BRIDGE: HIGHWAY-RAILROAD	(41) WT POSTING STATUS: OPEN	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —————	
	(	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION: 6	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2  GEOMETRIC DATA	(68) DECK GEOMETRY: 5	
	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4	
GEOMETRIC DATA	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N	
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 124.0 FT	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8	
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 124.0 FT  (49) TOTAL BRIDGE LENGTH: 329.1 FT	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111	
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  0.0 FT	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: N	
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       124.0 FT         (49) TOTAL BRIDGE LENGTH:       329.1 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       31.2 FT         (52) BRIDGE OUT TO OUT WIDTH:       35.4 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS	
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 31.2 FT	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: N	
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       124.0 FT         (49) TOTAL BRIDGE LENGTH:       329.1 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       31.2 FT         (52) BRIDGE OUT TO OUT WIDTH:       35.4 FT	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR	
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       124.0 FT         (49) TOTAL BRIDGE LENGTH:       329.1 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       31.2 FT         (52) BRIDGE OUT TO OUT WIDTH:       35.4 FT         (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:       40.0 FT	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT (76) LENGTH OF BRIDGE IMPROVEMENT: 329.1 FT (94) BRIDGE IMPROVEMENT COST: \$146,000.00	
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  124.0 FT  329.1 FT  329.1 FT  40.0 FT	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: 329.1 FT (94) BRIDGE IMPROVEMENT COST: \$146,000.00 (95) ROADWAY IMPROVEMENT COST: \$15,000.00	
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW:  NO MEDIAN 45 DEGREES	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT (76) LENGTH OF BRIDGE IMPROVEMENT: 329.1 FT (94) BRIDGE IMPROVEMENT COST: \$146,000.00 (95) ROADWAY IMPROVEMENT COST: \$15,000.00 (96) TOTAL PROJECT COST: \$220,000.00	
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  NO FLARE	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 11111 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: 329.1 FT (94) BRIDGE IMPROVEMENT COST: \$146,000.00 (95) ROADWAY IMPROVEMENT COST: \$15,000.00 (96) TOTAL PROJECT COST: \$220,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018	
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  NO RESTRICTION	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1111) (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018	
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 31.0 FT	(68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       4         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1111         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT         (76) LENGTH OF BRIDGE IMPROVEMENT:       329.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$146,000.00         (95) ROADWAY IMPROVEMENT COST:       \$15,000.00         (96) TOTAL PROJECT COST:       \$220,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       11/13/2018	
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLE: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (124.0 FT (124.	(68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       4         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1111         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT         (76) LENGTH OF BRIDGE IMPROVEMENT:       329.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$146,000.00         (95) ROADWAY IMPROVEMENT COST:       \$15,000.00         (96) TOTAL PROJECT COST:       \$220,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       11/13/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24	
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (28.51 FT	(68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       4         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1111         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT         (76) LENGTH OF BRIDGE IMPROVEMENT:       329.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$146,000.00         (95) ROADWAY IMPROVEMENT COST:       \$15,000.00         (96) TOTAL PROJECT COST:       \$220,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       11/13/2018	

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

NAVIGATION DATA

**NOT APPLICABLE** 

N/A

N/A

N/A

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

N/A

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(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: SR008

BRIDGE ID NUMBER: 33SR0080011

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 61960

ROAD NAME: CHEROKEE BLVD. CROSSING: SOUTHERN RAILWAY LOCATION: 0.5 MI. S OF SR-29 JCT.

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 11.46 SUFFICIENCY RATING: 49.1

### IDENTIFICATION CLASSIFICATION

(16a,b) LATITUDE: Ν 35.07742 DEGREES (17a,b) LONGITUDE: 85.32045 DEGREES (98a) BORDER 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: n (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE

 AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1922 (106) YEAR THE BRIDGE WAS REHABILITATED: 1929 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **RAILROAD** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 33.1 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: 40 FT 43.3 FT

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT **NO MEDIAN** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: 9 DEGREES

(35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT

**RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 17.95 FT (55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE

(55b) MIN HORZ UNDERCLR ON RIGHT: 21.65 FT (56) MIN HORZ UNDERCLR ON LEFT: 8.53 FT

NAVIGATION DATA =

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

N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:

(52) BRIDGE OUT TO OUT WIDTH:

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

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

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:

(41) WT POSTING STATUS: **WEIGHT POSTED** 

**APPRAISAL** (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY:

(69) UNDERCLEARANCE RATING: 3 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0110

5

2

Ν

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT** 

(113) SCOUR CONDITION RATING:

(76) LENGTH OF BRIDGE IMPROVEMENT: 55.1 FT (94) BRIDGE IMPROVEMENT COST: \$658,000.00

(95) ROADWAY IMPROVEMENT COST: \$66,000.00 (96) TOTAL PROJECT COST: \$988,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 11/13/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0080019 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR008 SPECIAL CASE: 0 FIPS CODE: 61960 ROAD NAME: SIGNAL MOUNTAIN RD. COUNTY SEQUENCE: 1 CROSSING: STRINGERS BRANCH LOG MILE: 12.55 LOCATION: 0.26 MI. W OF SR-29 JCT. SUFFICIENCY RATING: 69.3 IDENTIFICATION CLASSIFICATION = (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.08673 DEGREES (17a,b) LONGITUDE: 85.32728 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: O (59) SUPERSTRUCTURE: **NOT APPLICABLE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **NOT APPLICABLE** B) TYPE MEMBRANE: **NOT APPLICABLE NOT APPLICABLE** C) TYPE PROTECTION: (31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN **APPRAISAL** 

	AGE AND SERVICE —
1926	(27) YEAR THE BRIDGE WAS BUILT:
2005	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
7	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:
	GEOMETRIC DATA
9.8 FT	(48) MAXIMUM SPAN LENGTH:
23.0 FT	(49) TOTAL BRIDGE LENGTH:

20.0 1 1	(40) TO THE BRIDGE ELITOTTI
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
47.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
Y: <b>48.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
AY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHV
NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:
AY OR RAILROAD	(55a) HORZ UNDERCLR: NOT A HIGHV
NOT APPLICABLE	(55b) MIN HORZ UNDERCLR ON RIGHT:
NOT APPLICABLE	(56) MIN HORZ UNDERCLR ON LEFT:

_	<b>NAVIGATION</b>	DATA
<u> </u>		

(38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A N/A

(40) NAVIGATION HORZ CLEARANCE:

**PUBLICATION DATE** 19-Mar-20

### YES **NHS ROUTE URBAN PRINCIPAL ARTERIAL NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** CONDITION RATINGS Ν Ν Ν (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): DESIGN LOAD AND WEIGHT POSTING HS-20-44 ALL LEGAL LOADS ALL LEGAL LOADS (67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: Ν (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: **BRIDGE REHABILITATION** (76) LENGTH OF BRIDGE IMPROVEMENT: 23 FT (94) BRIDGE IMPROVEMENT COST: \$319,000.00 (95) ROADWAY IMPROVEMENT COST: \$32,000.00 (96) TOTAL PROJECT COST: \$479,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 11/13/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33SR0080021 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR008 SPECIAL CASE: 0 FIPS CODE: **61960** ROAD NAME: SIGNAL MOUNTAIN RD. COUNTY SEQUENCE: 1 CROSSING: MOUNTAIN CREEK LOG MILE: 13.47 LOCATION: 1.29 MI. W OF SR-29 JCT. SUFFICIENCY RATING: 69.3

EGO/MICH. HED IIII. W OF CICED COT.	GOLLIOLENG LIVINING. GO.G
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.09795 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.32797 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>N</b>
(107) TYPE OF DECK: NOT APPLICABLE	(59) SUPERSTRUCTURE: N
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:
A) TYPE OF SURFACE: NOT APPLICABLE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
B) TYPE MEMBRANE: NOT APPLICABLE	(62) CULVERT CONDITION (IF APPLICABLE): 7
C) TYPE PROTECTION: NOT APPLICABLE	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1936	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 2005 (42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
	(41) WT POSTING STATUS: OPEN
(42b) UNDER BRIDGE: WATERWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 8	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 8	APPRAISAL  (67) STRUCTURAL EVALUATION: 7
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 8 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 8 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 7
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  15.1 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  15.1 FT  (49) TOTAL BRIDGE LENGTH:  29.9 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  0.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NN10
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NN10 (113) SCOUR CONDITION RATING: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NN10 (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  8 4.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NN10 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 29.9 FT
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW:  55 DEGREES	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       N         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       NN10         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       29.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$453,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  NO FLARE	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       N         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       NN10         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       29.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$453,000.00         (95) ROADWAY IMPROVEMENT COST:       \$46,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  NO RESTRICTION	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       N         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       NN10         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       29.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$453,000.00         (95) ROADWAY IMPROVEMENT COST:       \$46,000.00         (96) TOTAL PROJECT COST:       \$680,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 88.0 FT	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       N         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       NN10         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS       8         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       29.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$453,000.00         (95) ROADWAY IMPROVEMENT COST:       \$46,000.00         (96) TOTAL PROJECT COST:       \$680,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 88.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NN10 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 29.9 FT (94) BRIDGE IMPROVEMENT COST: \$453,000.00 (95) ROADWAY IMPROVEMENT COST: \$46,000.00 (96) TOTAL PROJECT COST: \$680,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 8 (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: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 55 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 88.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NN10 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 29.9 FT (94) BRIDGE IMPROVEMENT COST: \$453,000.00 (95) ROADWAY IMPROVEMENT COST: \$46,000.00 (96) TOTAL PROJECT COST: \$680,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 8 (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: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 55 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 88.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       N         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       NN10         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       29.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$453,000.00         (95) ROADWAY IMPROVEMENT COST:       \$46,000.00         (96) TOTAL PROJECT COST:       \$680,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       11/13/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (540) VERT UNDERCLE (554) WIN VERTICAL UNDERCLEARANCE: (5556) MIN VERTICAL UNDERCLEARANCE: (556) MIN VERTICAL UNDERCLEARANCE: (556) MIN VERTICAL UNDERCLEARANCE: (556) MIN VERTICAL UNDERCLEARANCE: (556) MIN HORZ UNDERCLR: (556) MIN HORZ UNDERCLR: (556) MIN HORZ UNDERCLR ON RIGHT: (570) NOT APPLICABLE	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NN10 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 29.9 FT (94) BRIDGE IMPROVEMENT COST: \$453,000.00 (95) ROADWAY IMPROVEMENT COST: \$46,000.00 (96) TOTAL PROJECT COST: \$680,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 11/13/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR008

LOG MILE: 16.29

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 76.8

BRIDGE ID NUMBER: 33SR0080025

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 68540

(45) NUMBER OF MAIN SPANS:

(27) YEAR THE BRIDGE WAS BUILT:

(106) YEAR THE BRIDGE WAS REHABILITATED:

(28a) NUMBER OF LANES CARRIED BY BRIDGE:

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(520) MIN VERTICAL CLEARANCE OVER RD:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

C) TYPE PROTECTION:

(42a) SERVICE ON BRIDGE:

(48) MAXIMUM SPAN LENGTH:

(49) TOTAL BRIDGE LENGTH:

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:

(51) BRIDGE CURB TO CURB WIDTH:

(52) BRIDGE OUT TO OUT WIDTH:

(42b) UNDER BRIDGE:

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

ROAD NAME: SIGNAL MOUNTAIN BLVD.

CROSSING: SHOAL CREEK

LOCATION: 2.44 MI. N OF SR-27 JCT.

AGE AND SERVICE •

GEOMETRIC DATA

IDENTIFICATION ————			ION ———
(16a,b) LATITUDE:	35.11713 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	85.35403 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A		(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
(98b) PERCENT SHARE: N/A		(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE		` '	NOT ON TRUCK NETWORK CAL SIGNIFICANCE HAS
(44a) ALLINGI AN WATERIAL. NOT APPLICABLE		NOT BEE	N DETERMINED

## **CONDITION RATINGS**

(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:	N
(107) TYPE OF DECK:	NOT APPLICABLE	(59) SUPERSTRUCTURE:	N
(108) TYPE OF WEARING SURFACE AND DE	CK PROTECTION:	(60) SUBSTRUCTURE:	N
A) TYPE OF SURFACE:	NOT APPLICABLE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
B) TYPE MEMBRANE:	NOT APPLICABLE	(62) CULVERT CONDITION (IF APPLICABLE):	7
,			

1940

N/A

2

0

**HIGHWAY** 

22.0 FT

24.9 FT

0.0 FT

0.0 FT

29.9 FT

**UNDER FILL** 

**UNDER FILL** 

**NO MEDIAN** 

**NO FLARE** 

30.0 FT

65 DEGREES

**NO RESTRICTION** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**WATERWAY** 

### DESIGN LOAD AND WEIGHT POSTING **NOT APPLICABLE** (31) DESIGN LOADING:

113-20-44	(31) DEGIGIN EUNDING.
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):
ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):
5	(70) BRIDGE POSTING CODE:

HC-20-44

2018

(41) WT POSTING STATUS:

APPRAISAL	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	N
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	7
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	111N
(113) SCOUR CONDITION RATING:	8

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	BRIDGE REHABILITATION
--------------------	-----------------------

24.9 FT	LENGTH OF BRIDGE IMPROVEMENT	(76)
\$183,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$19,000.00	ROADWAY IMPROVEMENT COST:	(95)

(96) TOTAL PROJECT COST: \$275,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	11/13/2018
(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

# NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE:

N/A (40) NAVIGATION HORZ CLEARANCE: N/A

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



YES

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8

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8

8

8

1NNN

HS-20-44

ALL LEGAL LOADS

ALL LEGAL LOADS

**NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0170001 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR017 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: ST. ELMO AVE. COUNTY SEQUENCE: 1 CROSSING: MOUNTAIN STREAM LOG MILE: 0.09 LOCATION: .1 MI.NORTH OF GA. ST. LN SUFFICIENCY RATING: 85.1 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 34.98515 DEGREES (17a,b) LONGITUDE: 85.33268 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 2012 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 12.1 FT (71) WATERWAY ADEQUACY:

24.0 FT

0.0 FT

0.0 FT

34.1 FT

**UNDER FILL** 

**UNDER FILL** 

**NO MEDIAN** 

**NO FLARE** 

31.8 FT

N/A

N/A

N/A

30 DEGREES

NO RESTRICTION

NOT APPLICABLE

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

(36) TRAFFIC SAFETY FEATURES:	
(113) SCOUR CONDITION RATING:	

(75) TYPE OF WORK: **NOT APPLICABLE** 

(72) APPROACH ROADWAY ALIGNMENT:

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

RECOMMENDED IMPROVEMENTS

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

	INSPECTION DATES
11/7/2018	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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(49) TOTAL BRIDGE LENGTH:

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:

(51) BRIDGE CURB TO CURB WIDTH:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(520) MIN VERTICAL CLEARANCE OVER RD:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(39) NAVIGATION VERTICAL CLEARANCE:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

NAVIGATION DATA

(52) BRIDGE OUT TO OUT WIDTH:

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:



COUNTY: HAMILTON

ROUTE: SR017

LOG MILE: 8.05

BRIDGE ID NUMBER: 33SR0580011

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: BONNY OAKS DR. CROSSING: CSX RAILROAD

LOCATION: 1 MI.EAST OF CHATTANOOGA

# SUFFICIENCY RATING: 73.7

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

LOCATION: 1 MI.EAST OF CHATTANOOGA	SUFFICIENCY RATING: 73.7
IDENTIFICATION ———	
(16a,b) LATITUDE: N 35.07988 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.22148 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
	(103) TEMPORARY BRIDGE: NOT APPLICABLE
BRIDGE TYPE AND MATERIAL	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>CONCRETE</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(AE) NUMBER OF MAIN CRANC.	———— CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS:  0	(58) DECK: 7
(10) 1101112_11 01 7 11 11 11 11 11 11 11 11 11 11 11 11	(59) SUPERSTRUCTURE: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
A) TYPE OF SURFACE:  ASPHALT  PREFORMED FARRIC	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: PREFORMED FABRIC C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
	(31) DESIGN LOADING: <b>H-15-44</b>
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1928	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 1996	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: RAILROAD	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	2 2
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 5
(48) MAXIMUM SPAN LENGTH: 43.0 FT	(69) UNDERCLEARANCE RATING: 4
(49) TOTAL BRIDGE LENGTH: 121.1 FT	(71) WATERWAY ADEQUACY:  N (72) ADDROACH DOADWAY ALICAMENT:
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1000
(51) BRIDGE CURB TO CURB WIDTH: 40 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 43.3 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 36.1 FT	(75) TYPE OF WORK: <b>BRIDGE REHABILITATION</b>
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 121.1 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$787,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$79,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$1,181,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 21.26 FT	(90) DATE OF LAST REGULAR INSPECTION: 11/15/2018
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 10.17 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



NOT ON TRUCK NETWORK

HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

ROUTE: SR017

LOG MILE: 8.20

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 57.5

BRIDGE ID NUMBER: 33SR0580013 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: BONNY OAKS DR. CROSSING: CHICKAMAUGA CREEK

LOCATION: 0.72 MI. W OF SR-153 JCT.

- IDENTIFICATION

# CLASSIFICATION -

(16a,b) LATITUDE:	N	35.08012 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.21890 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND M	I A T	EDIAI -	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

**ASPHALT** 

162.1 FT

(37) HISTORICAL CLASS:

### BRIDGE TYPE AND MATERIAL -(110) NATIONAL TRUCK ROUTE:

(43a) MAIN SPAN MATERIAL: STEEL (44a) APPR SPAN MATERIAL: CONCRETE

A) TYPE OF SURFACE:

(48) MAXIMUM SPAN LENGTH:

(45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: 6 (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

B) TYPE MEMBRANE: PREFORMED FABRIC NONE C) TYPE PROTECTION:

# AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1929 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

### GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH: 419.9 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 40 FT 43.3 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 40.0 FT **NO MEDIAN** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: 16.4 FT

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

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

CONDITION RATINGS

## 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: (41) WT POSTING STATUS: WEIGHT POSTED

### **APPRAISAL**

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

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 419.9 FT (94) BRIDGE IMPROVEMENT COST: \$3.416.000.00 (95) ROADWAY IMPROVEMENT COST: \$342,000.00 (96) TOTAL PROJECT COST: \$5,125,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 11/27/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 08/2017 (92b) UNDERWATER INSP FREQUENCY (MONTHS): Y60 (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



YES

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7

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8

N/A

11/13/2018

24

N/A

N/A

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NNNN

HS-20-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 33SR0270001 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR027 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: SUCK CREEK RD. COUNTY SEQUENCE: 1 CROSSING: MIDDLE CREEK LOG MILE: 1.09 LOCATION: 1.09 MI. FROM MARION CO. SUFFICIENCY RATING: 84.3 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.11730 DEGREES (17a,b) LONGITUDE: 85.37462 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **NOT APPLICABLE** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE**  DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1977 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 12.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 39.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 47.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 15 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 48.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION:

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

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(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(39) NAVIGATION VERTICAL CLEARANCE:

NAVIGATION DATA

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:



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N/A

11/13/2018

24

N/A

N/A

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N000

HS-20-44

BRIDGE ID NUMBER: 33SR0270003 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR027 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: SUCK CREEK RD. COUNTY SEQUENCE: 1 CROSSING: SHOAL CREEK LOG MILE: 1.96 LOCATION: 8 MI W OF SR29 SUFFICIENCY RATING: 82.3 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.10873 DEGREES (17a,b) LONGITUDE: 85.36318 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **NOT APPLICABLE** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1977 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 12.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 26.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 48.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): **NOT APPLICABLE** (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA (38) NAV CONTROL: **NO NAVIGATION CONTROL** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 33FA0271001 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: TN R/SOURR/FAU 5395&3619 LOG MILE: 0.00 LOCATION: SR-29 / TENN. RIVER SUFFICIENCY RATING: 73.0

IDENTIFICATION —	
(16a,b) LATITUDE: N 35.05480 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.31522 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: <b>NOT APPLICABLE</b>
(43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: CONCRETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 15	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 2	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 5
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1955	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 2003	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY-WATERWAY-RAILROAD	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7	———— APPRAISAL
(28b) NUMBER OF LANES UNDER THE BRIDGE: 7	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 9
(48) MAXIMUM SPAN LENGTH: 375.0 FT	(69) UNDERCLEARANCE RATING: 5
(49) TOTAL BRIDGE LENGTH: 2745.1 FT	(71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 126.3 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 129.9 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 126.3 FT	NEEDED)
(33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER	(76) LENGTH OF BRIDGE IMPROVEMENT: 2745.1 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$1,000.00
(35) BRIDGE FLARE: YES, FLARED	(95) ROADWAY IMPROVEMENT COST: \$1,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$2,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 57.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 15.03 FT	(90) DATE OF LAST REGULAR INSPECTION: 3/27/2019
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 11.48 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): 09/2016
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): Y60 (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
NAVIGATION DATA  (38) NAV CONTROL: NAVIGATION CONTROLLED WATERWAY	(92c) SPECIAL INSP FREQUENCY (MONTHS):
(39) NAVIGATION VERTICAL CLEARANCE: 45.9 FT	(020) OF EDITIC HADE THE GOLDANT (MICHAELO).
(00) 10 10 10 10 10 10 10 10 10 10 10 10 10	PRODUCED PURSUANT TO

349.7 FT

N/A

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY SEQUENCE: 1

LOG MILE: 0.68

BRIDGE ID NUMBER: 33FA0271003 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029
FIPS CODE: 14000 SPECIAL CASE: 0

FIPS CODE: **14000** ROAD NAME: **US-27** 

CROSSING: SOU RWY & NFA A016 LOCATION: 0.68 MI. N OF TN. RIVER

LOCATION: 0.68 MI. N OF TN. RIVER	SUFFICIENCY RATING: 96.0
IDENTIFICATION	
(16a,b) LATITUDE: N 35.06433 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.31797 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(44a) ALLIVOI AIVIMALENIAL. NOI AFFEIGABLE	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>8</b>
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 8
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 8
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 2014	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY-RAILROAD	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 9	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION: 8
GEOMETRIC DATA	(68) DECK GEOMETRY: 9
(48) MAXIMUM SPAN LENGTH: 119.1 FT	(69) UNDERCLEARANCE RATING: 5
(49) TOTAL BRIDGE LENGTH: 203.1 FT	(71) WATERWAY ADEQUACY:
(50a) LEFT SIDEWALK WIDTH: 12.1 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 6.9 FT	(36) TRAFFIC SAFETY FEATURES: 1N1N
(51) BRIDGE CURB TO CURB WIDTH: 171.3 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 173.2 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 115.2 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 12 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(35) BRIDGE FLARE: YES, FLARED	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 170.9 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 23.49 FT	(90) DATE OF LAST REGULAR INSPECTION: 12/3/2018
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 11.81 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(02b) LINDEDWATED INCDEDECLIENCY (MONTHS).
(30) WINTIONZ ONDENOLINON LLIT. NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
NAVIGATION DATA  (38) NAV CONTROL:  NOT APPLICABLE	(93c) DATE OF SPECIAL INSPECTION (MO/YR):  (92c) SPECIAL INSP FREQUENCY (MONTHS):  N

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

YES

Ν

**NHS ROUTE** 

NOT ON TRUCK NETWORK

HISTORICAL SIGNIFICANCE HAS

ROUTE: SR029

LOG MILE: 0.77

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 92.9

BRIDGE ID NUMBER: 33FA0271005

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: MANNING STREET (FAU 3624

LOCATION: 0.76 MI. N OF TN. RIVER

 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.06593 DEGREES (17a,b) LONGITUDE: 85.31880 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN FREEWAY** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **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: n (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**ASPHALT** A) TYPE OF SURFACE: 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 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 10 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 102.1 FT (49) TOTAL BRIDGE LENGTH: 210.1 FT (50a) LEFT SIDEWALK WIDTH: 12.1 FT (50b) RIGHT SIDEWALK WIDTH: 11.8 FT (51) BRIDGE CURB TO CURB WIDTH: 161.1 FT (52) BRIDGE OUT TO OUT WIDTH: 165 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE 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: 161.1 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 21.1 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (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

**PUBLICATION DATE** 19-Mar-20

**NOT BEEN DETERMINED**  CONDITION RATINGS (58) DECK: 8 (59) SUPERSTRUCTURE: 8 (60) SUBSTRUCTURE: 8 (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν (62) CULVERT CONDITION (IF APPLICABLE):

### 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:

(41) WT POSTING STATUS: OPEN

(110) NATIONAL TRUCK ROUTE:

(37) HISTORICAL CLASS:

### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 8 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 3 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: Ν

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 12/3/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33FA0271007 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: E.ELMWOOD & RR (A029) LOCATION: 1.54 MI. N OF TN. RIVER

- IDENTIFICATION

### CLASSIFICATION -

SPECIAL CASE: 0

LOG MILE: 1.55

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 93.4

IDENTIFICATION —			CLASSIFICATION	JIN -
(16a,b) LATITUDE:	N	35.07680 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.32168 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN FR
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL I
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY T
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE:	NOT APPL	
DINDOL I II L AND I		INIAL	(110) NATIONAL TRUCK ROUTE:	ON TRUCK NE

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION:

## AGE AND SERVICE •

(27) YEAR THE BRIDGE WAS BUILT: 2014 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY** HIGHWAY-RAILROAD (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 110.1 FT (49) TOTAL BRIDGE LENGTH: 245.2 FT 12.1 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 12.1 FT (51) BRIDGE CURB TO CURB WIDTH: 150.3 FT 154.2 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 130.2 FT (33) BRIDGE MEDIAN: **CLOSED MEDIAN - WITH BARRIER** (34) BRIDGE SKEW: 39 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 149.9 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 33.17 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 98 FT (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

NAVIGATION DATA

YES S ROUTE REEWAY **BRIDGE TRAFFIC** LICABLE ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS (37) HISTORICAL CLASS: **NOT BEEN DETERMINED** 

### **CONDITION RATINGS**

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

### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 8 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 3 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: 1N1N (113) SCOUR CONDITION RATING: Ν

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 12/3/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 1.63

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.5

BRIDGE ID NUMBER: 33FA0271010

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 61960 ROAD NAME: US-27 CROSSING: SR-8 RAMP

LOCATION: 1.65 MI. N OF TENN. RIVER - IDENTIFICATION

IDENTIFICATION					
(16a,b) LATITUDE:	N	35.07670	<b>DEGREES</b>		
(17a,b) LONGITUDE:	W	85.32318	<b>DEGREES</b>		
(98a) BORDER BRIDGE STATE CODE:			N/A		
(98b) PERCENT SHARE:			N/A		
(99) BORDER BRIDGE NUMBER:		NOT A	PPLICABLE		

### 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: n

(107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: **EPOXY** 

C) TYPE PROTECTION:

# AGE AND SERVICE \*\*

(27) YEAR THE BRIDGE WAS BUILT: 2014 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** 

(28a) NUMBER OF LANES CARRIED BY BRIDGE:

(28b) NUMBER OF LANES UNDER THE BRIDGE:

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 101.7 FT (49) TOTAL BRIDGE LENGTH: 242.0 FT (50a) LEFT SIDEWALK WIDTH: 11.2 FT (50b) RIGHT SIDEWALK WIDTH: 11.8 FT (51) BRIDGE CURB TO CURB WIDTH: 139.8 FT 141.7 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 119.1 FT

**OPEN MEDIAN** (33) BRIDGE MEDIAN:

(34) BRIDGE SKEW: 39 DEGREES

(35) BRIDGE FLARE: **NO FLARE** 

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 69.9 FT

(520) MIN VERTICAL CLEARANCE OVER RD:

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 18.83 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 9.84 FT

(56) MIN HORZ UNDERCLR ON LEFT: 9.51 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

**PUBLICATION DATE** 19-Mar-20

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

### CONDITION RATINGS

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

### 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:

(41) WT POSTING STATUS: OPEN

NONE

4

2

NO RESTRICTION

### **APPRAISAL**

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

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 12/3/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



2020

ON TRUCK NETWORK

BRIDGE ID NUMBER: 33FA0271009 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029

**EPOXY COATED REINFORCING** 

FIPS CODE: 61960 ROAD NAME: US-27

CROSSING: SR8 SB RP TO SR29

LOCATION: 1.68 MI. N OF TENN. RIVER

### - CLASSIFICATION -

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 73.6

SPECIAL CASE: 0

LOG MILE: 1.65

**NOT BEEN DETERMINED** 

IDENTIFICATION —					
(16a,b) LATITUDE:	N	35.07675 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES	
(17a,b) LONGITUDE:	W	85.32173 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>	
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE	
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC	
BRIDGE TYPE AND A	4 A TI	- BIAI	(103) TEMPORARY BRIDGE:	NOT APPLICABLE	

### BRIDGE TYPE AND MATERIAL —

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

C) TYPE PROTECTION:

1	(45) NUMBER OF MAIN SPANS:
0	(46) NUMBER OF APPROACH SPAN
CONCRETE CAST-IN-PLACE	(107) TYPE OF DECK:
ND DECK PROTECTION:	(108) TYPE OF WEARING SURFACE
NONE	A) TYPE OF SURFACE:
NOT APPLICABLE	B) TYPE MEMBRANE:

# AGE AND SERVICE

2014	) YEAR THE BRIDGE WAS BUILT:	(27
N/A	6) YEAR THE BRIDGE WAS REHABILITATED:	(10
HIGHWAY	a) SERVICE ON BRIDGE:	(42
HIGHWAY	b) UNDER BRIDGE:	(42
2	a) NUMBER OF LANES CARRIED BY BRIDGE:	(28
4	b) NUMBER OF LANES UNDER THE BRIDGE:	(28

### GEOMETRIC DATA

48) MAXIMUM SPAN LENGTH:	132.9	FT
49) TOTAL BRIDGE LENGTH:	132.9	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:	31.5	FT
32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	44.0	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 ROAD	WAY: <b>30.2 FT</b>
(54a) VERT UNDERCLR: HIGHWA	Y BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE:	18.24 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 1.97 FT

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** NAVIGATION DATA -

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

(116) LIFT BRIDGE VERT CLEARANCE: (40) NAVIGATION HORZ CLEARANCE: N/A

CONDITION RATINGS
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(110) NATIONAL TRUCK ROUTE:

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

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

### DESIGN LOAD AND WEIGHT POSTING

HS-20-44		(31) DESIGN LOADING:
ALL LEGAL LOADS	EHICLES):	WEIGHT POSTING (2 AXLE V
ALL LEGAL LOADS	RE AXLES):	WEIGHT POSTING (3 OR MO
5	•	(70) BRIDGE POSTING CODE
	OPEN	(41) WT POSTING STATUS:

### **APPRAISAL**

(67) STRUCTURAL EVALUATION:	8
(68) DECK GEOMETRY:	2
(69) UNDERCLEARANCE RATING:	3
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1111
(113) SCOUR CONDITION RATING:	N

### RECOMMENDED IMPROVEMENTS

**BRIDGE WIDENING WITH DECK REPAIR** (75) TYPE OF WORK: OR REPLACEMENT (76) LENGTH OF BRIDGE IMPROVEMENT: 132.9 FT

(94)	BRIDGE IMPROVEMENT COST:	\$54,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$6,000.00
(96)	TOTAL PROJECT COST:	\$82,000.00

# (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	12/4/2018
(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



YES

8

8

8

Ν

Ν

8

9

9

Ν

8

Ν

N/A

12/4/2018

24

N/A

N/A

Ν

Ν

111N

HL-93

**NHS ROUTE** 

BRIDGE ID NUMBER: 33FA0271011 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: SR-29 EX RP / SR-8 LOG MILE: 2.05 LOCATION: JCT OF SR 8-SR 29 SUFFICIENCY RATING: 98.9 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.08425 DEGREES (17a,b) LONGITUDE: 85.32153 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN FREEWAY** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING • C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 2013 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: #Error (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 3 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 93.7 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 165.6 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 46.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 48.2 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 46.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.9 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 21.33 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: 15.09 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 3.94 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 2.12

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 93.9

BRIDGE ID NUMBER: 33FA0271015

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 61960 ROAD NAME: US-27

CROSSING: SR 8 SIGNAL MTN.BLVD.

LOCATION: SR-29 / SR-8 JCT.

 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: 35.08470 DEGREES (17a,b) LONGITUDE: 85.32327 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR:

6

4

NO RESTRICTION

BRIDGE TYPE AND MATERIAL

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

(45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

LATEX CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE

 AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1962 (106) YEAR THE BRIDGE WAS REHABILITATED: 1982 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** 

(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: ■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 87.9 FT (49) TOTAL BRIDGE LENGTH: 166.0 FT (50a) LEFT SIDEWALK WIDTH: 3.6 FT (50b) RIGHT SIDEWALK WIDTH: 3.6 FT (51) BRIDGE CURB TO CURB WIDTH: 114.5 FT 120.1 FT (52) BRIDGE OUT TO OUT WIDTH:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 107.9 FT (33) BRIDGE MEDIAN: **OPEN MEDIAN** (34) BRIDGE SKEW: 27 DEGREES

(35) BRIDGE FLARE: NO FLARE

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 54.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(520) MIN VERTICAL CLEARANCE OVER RD:

(54b) MIN VERTICAL UNDERCLEARANCE: 16.11 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 7.55 FT

(56) MIN HORZ UNDERCLR ON LEFT: 4.27 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

**PUBLICATION DATE** 19-Mar-20

- CLASSIFICATION YES **NHS ROUTE URBAN FREEWAY NO PARALLEL BRIDGE** 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING =

(31) DESIGN LOADING: HS-20-44 +MOD WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1011 (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 12/4/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



**YES** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0290103 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 61960 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: STRINGERS BRANCH LOG MILE: 2.23 LOCATION: 0.25 MI. N OF SR-8 JCT SUFFICIENCY RATING: 83.2 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.08613 DEGREES (17a,b) LONGITUDE: 85.32202 DEGREES (98a) BORDER 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: **NOT APPLICABLE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **NOT APPLICABLE** B) TYPE MEMBRANE: **NOT APPLICABLE NOT APPLICABLE** C) TYPE PROTECTION: AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1960 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 6 0

**NO FLARE** 

N/A

0	(28b) NUMBER OF LANES UNDER THE BRIDGE:
	GEOMETRIC DATA
12.1 FT	(48) MAXIMUM SPAN LENGTH:
25.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
100.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
- WITH BARRIER	(33) BRIDGE MEDIAN: CLOSED MEDIA
0 DEGREES	(34) BRIDGE SKEW:

**NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 50.0 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:

**PUBLICATION DATE** 19-Mar-20

(35) BRIDGE FLARE:

169		DIS BRIDGE LENGTH.	,
HS ROUTE	NH	. HIGHWAY SYSTEM:	(104)
FREEWAY	URBAN I	NAL CLASS:	(26)
L BRIDGE	NO PARALLE	BRIDGE:	(101)
TRAFFIC	2-WAY	DIR:	(102)
PLICABLE	NOT API	RY BRIDGE:	(103)
NETWORK	ON TRUCK N	. TRUCK ROUTE:	(110)
OR THE	OT ELIGIBLE F	AL CLASS: BRIDGE IS NO	(37)
	EGISTER	NATIONAL RI	
	GS ——	<ul> <li>CONDITION RATIN</li> </ul>	
N			(58)
N		UCTURE:	(59)
N		TURE:	(60)
7	ROTECTION:	HANNEL AND CHANNEL PR	(61)
7		CONDITION (IF APPLICABLE	` '
•	,	SN LOAD AND WEIGH	` '
	II FOSTING		
HS-20-44	411.150	ADING:	` '
AL LOADS		NG (2 AXLE VEHICLES):	
AL LOADS	ALL LEGA	NG (3 OR MORE AXLES):	
5		STING CODE:	` '
		IG STATUS: OPEN	(41)
		APPRAISAL	
7		AL EVALUATION:	(67)
N		METRY:	(68)
N		ARANCE RATING:	(69)
8		Y ADEQUACY:	(71)
8		ROADWAY ALIGNMENT:	(72)
NNNN		AFETY FEATURES:	(36)
8		ONDITION RATING:	(113
	VEMENTS	COMMENDED IMPRO	
		VORK: NOT APPLICABL	(75)
N/A		OF BRIDGE IMPROVEMENT	` '
IV/A	•	MPROVEMENT COST:	,
		/ IMPROVEMENT COST:	,
		OJECT COST:	` '
	IMATE:	MPROVEMENT COST ESTI	. ,
			(97)
		INSPECTION DATI	
12/4/2018		AST REGULAR INSPECTION	. ,
24	•	NSPECTION FREQUENCY	` '
N/A	(MO/YR):	LAST UNDERWATER INSP	(93b)
N	MONTHS):	ATER INSP FREQUENCY (M	(92b)
N/A	/YR):	SPECIAL INSPECTION (MO/	(93c)

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(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33SR0290075

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **61960** ROAD NAME: US-27

CROSSING: SR-29 NB / FAU 3595 LOCATION: 3.07 MI. N OF SR-8 JCT.

COUNTY: HAMILTON ROUTE: SR029 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 5.19

LOCATION: 3.07 MI. N OF SR-8 JCT.	SUFFICIENCY RATING: 95.2
IDENTIFICATION	
(16a,b) LATITUDE: N 35.12187 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.29692 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1987	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
•	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL (67) STRUCTURAL EVALUATION: 7
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  2	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 4
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 107.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: 200.1 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000 (113) SCOUR CONDITION RATING: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: 200.1 FT 0.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000 (113) SCOUR CONDITION RATING: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 42 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  107.0 FT 200.1 FT 200.1 FT 42 FT 44 FT 44 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: 3 DEGREES	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  NO FLARE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (520.6 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 1/9/2019
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (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: 20.6 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (199) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (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: 20.6 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 6.89 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (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: 20.6 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

7

7

7

Ν

Ν

7

8

5

Ν

8

Ν

N/A

1/9/2019

24

N/A

N/A

Ν

Ν

100N

HS-20-44

**NHS ROUTE** 

1-WAY TRAFFIC

BRIDGE ID NUMBER: 33SR0290076 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029

FIPS CODE: 61960 ROAD NAME: US-27

CROSSING: SR-29 SB / FAU 3595 LOCATION: 3.07 MI. N OF SR-8 JCT.

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 5.19

SUFFICIENCY RATING: 98.0

#### IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.12202 DEGREES (17a,b) LONGITUDE: w 85.29717 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN FREEWAY** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS CONTINUOUS NOT BEEN DETERMINED (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1987 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 107.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 200.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 42 FT RECOMMENDED IMPROVEMENTS 44 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 3 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 17.26 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 8 86 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): **NOT APPLICABLE** (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

**NOT APPLICABLE** 



COUNTY: HAMILTON

ROUTE: SR029

BRIDGE ID NUMBER: 33SR0290078

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA A150 LOCATION: 3.36 MI. N OF SR-8 JCT.

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 5.48

SUFFICIENCY RATING: 92.8

## - CLASSIFICATION

(16a,b) LATITUDE: Ν 35.12585 DEGREES (17a,b) LONGITUDE: 85.29473 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A (99) BORDER BRIDGE NUMBER:

IDENTIFICATION

BRIDGE TYPE AND MATERIAL

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

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

## AGE AND SERVICE =

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

### ■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 125.0 FT (49) TOTAL BRIDGE LENGTH: 276.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 60.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 35 DEGREES (35) BRIDGE FLARE: YES. FLARED (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 30.02 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 27.89 FT

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## NAVIGATION DATA **NOT APPLICABLE**

N/A

(38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE:

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

(37) HISTORICAL CLASS: NOT BEEN DETERMINED

## CONDITION RATINGS

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

## 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:

(41) WT POSTING STATUS: OPEN

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/9/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ON TRUCK NETWORK

ROUTE: SR029

BRIDGE ID NUMBER: 33SR0290077

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA A150 LOCATION: 3.36 MI. N OF SR-8 JCT.

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 5.48 SUFFICIENCY RATING: 92.8

#### IDENTIFICATION - CLASSIFICATION

(16a,b) LATITUDE: Ν 35.12537 DEGREES (17a,b) LONGITUDE: 85.29453 DEGREES (98a) BORDER 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

C) TYPE PROTECTION:

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

## AGE AND SERVICE =

**EPOXY COATED REINFORCING** 

(27) YEAR THE BRIDGE WAS BUILT: 1987 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2

### ■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 125.0 FT (49) TOTAL BRIDGE LENGTH: 336.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 67.9 FT 70.9 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 71.9 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 41 DEGREES (35) BRIDGE FLARE: YES. FLARED (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 68.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 30.02 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 25 92 FT (56) MIN HORZ UNDERCLR ON LEFT:

**NOT APPLICABLE** 

## NAVIGATION DATA **NOT APPLICABLE**

(38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A (112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN FREEWAY** (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(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: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν

## 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:

(41) WT POSTING STATUS: **OPEN** 

(110) NATIONAL TRUCK ROUTE:

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/9/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 7.80

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33SR0290080

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / FAU 3594

LOCATION: 3.24 MI. S OF SR-153 JCT.

- IDENTIFICATION

## CLASSIFICATION

(16a,b) LATITUDE:	N	35.15755	DEGREES	
(17a,b) LONGITUDE:	W	85.28553	DEGREES	
(98a) BORDER 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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

#### AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1987 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 144.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT **NO MEDIAN** (33) BRIDGE 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: 47.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 17.03 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 16 08 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

(112) MEETS NBIS BRIDGE LENGTH:

YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 98.7

(26) FUNCTIONAL CLASS: **URBAN FREEWAY** (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:

(41) WT POSTING STATUS: OPEN

## **APPRAISAL**

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

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/9/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

ON TRUCK NETWORK

BRIDGE ID NUMBER: 33SR0290079 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / FAU 4034

LOCATION: 3.24 MI. S OF SR-153 JCT.

- IDENTIFICATION

#### - CLASSIFICATION -

SPECIAL CASE: 0

LOG MILE: 7.80

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 93.9

IDENTIFICAT	ION		CLASSIFICATIO	/I <b>N</b>
(16a,b) LATITUDE:	N	35.15747 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.28523 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND	ИΑТ	ERIAL ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

#### BRIDGE I YPE 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: n **CONCRETE PRECAST PANELS** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

(27) YEAR THE BRIDGE WAS BUILT: 1987 (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 2

(48) MAXIMUM SPAN LENGTH: 69.9 FT (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 16.08 FT

(56) MIN HORZ UNDERCLR ON LEFT:

## NAVIGATION DATA =

(38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

A) TYPE OF SURFACE: **ASPHALT** 

## AGE AND SERVICE =

(106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE:

(28b) NUMBER OF LANES UNDER THE BRIDGE:

### GEOMETRIC DATA

149.9 FT 0.0 FT 0.0 FT 42 FT 44 FT 42.0 FT

(54b) MIN VERTICAL UNDERCLEARANCE: 19.36 FT

**NOT APPLICABLE** 

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE:

CONDITION RATINGS

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

### 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:

(41) WT POSTING STATUS: OPEN

(110) NATIONAL TRUCK ROUTE:

(37) HISTORICAL CLASS:

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/9/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

ROUTE: SR029

LOG MILE: 8.47

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.9

BRIDGE ID NUMBER: 33SR0290082

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA C592

LOCATION: 2.57 MI. S OF SR-153 JCT.

- IDENTIFICATION

### CLASSIEICATION .

IDENTIFICAT	IUN		CLASSIFICATIO	N
(16a,b) LATITUDE:	N	35.16682 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.28263 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	<b>LEFT LANE BRIDGE</b>
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND I	ΜΔТΙ	FRIAI ————	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
//O ) MAIN ORAN MATERIAL PROPERTY			(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n **CONCRETE PRECAST PANELS** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** 

B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

## 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: **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: 170.9 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 1 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 17.85 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 17.06 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

## CONDITION RATINGS

(58) DECK:	6
(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 ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

(37) HISTORICAL CLASS:

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/10/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 8.47

BRIDGE ID NUMBER: 33SR0290081

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **US-27** 

CROSSING: SR 29 / NFA C592

LOCATION: 2.57 MI. S OF SR-153 JCT.

(16a,b) LATITUDE:
(17a,b) LONGITUDE:
(98a) BORDER BRIDGE STATE CODE:
(98b) PERCENT SHARE:

N 35.16673 DEGREES

85.28237 DEGREES

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:
 (46) NUMBER OF APPROACH SPANS:
 (107) TYPE OF DECK:
 CONCRETE PRECAST PANELS

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE:

B) TYPE MEMBRANE:

NONE

C) TYPE PROTECTION: EPOXY COATED REINFORCING

#### AGE AND SERVICE

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

### - GEOMETRIC DATA -

(48) MAXIMUM SPAN LENGTH: 69.9 FT (49) TOTAL BRIDGE LENGTH: 161.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT **NO MEDIAN** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: 1 DEGREES

(34) BRIDGE SKEW: 1 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: 14.86 FT (55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE

(55b) MIN HORZ UNDERCLR ON RIGHT: 18.37 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

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.9

SPECIAL CASE: 0

(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(26) FUNCTIONAL CLASS: URBAN FREEWAY

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

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING:
WEIGHT POSTING (2 AXLE VEHICLES):
WEIGHT POSTING (3 OR MORE AXLES):
ALL LEGAL LOADS
(70) BRIDGE POSTING CODE:

#S-20-44

ALL LEGAL LOADS

5

(41) WT POSTING STATUS: **OPEN** 

## **APPRAISAL**

(67) STRUCTURAL EVALUATION:
(68) DECK GEOMETRY:
(69) UNDERCLEARANCE RATING:
(71) WATERWAY ADEQUACY:
(72) APPROACH ROADWAY ALIGNMENT:
(36) TRAFFIC SAFETY FEATURES:
(100N)
(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: 1/10/2019
(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS): N



YES

COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 8.84

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33SR0290084

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA C593

LOCATION: 2.2 MI. S OF SR-153 JCT.

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.9

IDENTIFICATION —		CLASSIFICAT	
(16a,b) LATITUDE:	N	35.17152 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:
(17a,b) LONGITUDE:	W	85.27932 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:
BRIDGE TYPE AND A	(103) TEMPORARY BRIDGE:		

## 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: n **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1987 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 149.9 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 1 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 65.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 16.27 FT

(55a) HORZ UNDERCLR: **HIGHWAY 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** -

STEM: **NHS ROUTE URBAN FREEWAY LEFT LANE BRIDGE** 

1-WAY TRAFFIC **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: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν

## 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:

(41) WT POSTING STATUS: OPEN

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 7 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/10/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 8.84

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.9

BRIDGE ID NUMBER: 33SR0290083

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA C593

LOCATION: 2.2 MI. S OF SR-153 JCT.

IDENTIFICATION ————				
(16a,b) LATITUDE:	N	35.17137	DEGREES	(
(17a,b) LONGITUDE:	w	85.27907	DEGREES	(
(98a) BORDER BRIDGE STATE CODE:			N/A	(
(98b) PERCENT SHARE:			N/A	(
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE	(

## 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: n (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1987 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 149.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 1 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 16.17 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 20 01 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

**PUBLICATION DATE** 19-Mar-20

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

## CONDITION RATINGS

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

#### 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:

(41) WT POSTING STATUS: OPEN

## **APPRAISAL**

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

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/10/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 9.35

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33SR0290085

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA C177

CRUSSING: SR 29 / NFA C17/	LUG MILE: 9.35
LOCATION: 1.71 MI. S OF SR-153 JCT.	SUFFICIENCY RATING: 97.6
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.17717 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.27335 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 3	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7 (59) SUPERSTRUCTURE: 7
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 8
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:  N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N  DESIGN LOAD AND WEIGHT POSTING
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1987	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: 8
(48) MAXIMUM SPAN LENGTH: 73.2 FT	(69) UNDERCLEARANCE RATING: 9
(49) TOTAL BRIDGE LENGTH: 172.9 FT	(71) WATERWAY ADEQUACY:
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 100N
(51) BRIDGE CURB TO CURB WIDTH: 42 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 44 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 10 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 68.6 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 25.59 FT	(90) DATE OF LAST REGULAR INSPECTION: 1/10/2019
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 23.95 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N
(00) MANUSATION (EDTION OF EADANGE	· · · · · · · · · · · · · · · · · · ·

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

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COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 9.35

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.9

BRIDGE ID NUMBER: 33SR0290086

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: **US-27** 

CROSSING: SR 29 / NFA C177

LOCATION: 1.71 MI. S OF SR-153 JCT.

## - CLASSIFICATION -

IDENTIFICATION

(16a,b) LATITUDE:

(17a,b) LONGITUDE:

(98a) BORDER BRIDGE STATE CODE:

(98b) PERCENT SHARE:

(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:

(46) NUMBER OF APPROACH SPANS:

(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:
(106) YEAR THE BRIDGE WAS REHABILITATED:
(42a) SERVICE ON BRIDGE:
(42b) UNDER BRIDGE:
(28a) NUMBER OF LANES CARRIED BY BRIDGE:
(28b) NUMBER OF LANES UNDER THE BRIDGE:
2

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 73.2 FT 172.9 FT (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0 FT **NO MEDIAN** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: 10 DEGREES **NO FLARE** 

(35) BRIDGE FLARE:
NO FLARE
(520) MIN VERTICAL CLEARANCE OVER RD:
NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:
(54a) VERT UNDERCLR:
HIGHWAY BENEATH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANCE:
22.67 FT

(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE

(55b) MIN HORZ UNDERCLR ON RIGHT: 22.97 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

PUBLICATION DATE 19-Mar-20

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN FREEWAY** (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER

## CONDITION RATINGS

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

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING:
WEIGHT POSTING (2 AXLE VEHICLES):
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: 9
(71) WATERWAY ADEQUACY: N
(72) APPROACH ROADWAY ALIGNMENT: 8
(36) TRAFFIC SAFETY FEATURES: 1001
(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: 1/10/2019
(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS): N



7

7

7

Ν

Ν

7

8

9

Ν

8

Ν

N/A

24

Ν

Ν

N/A

BRIDGE ID NUMBER: 33SR0290087

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA C176

LOCATION: 1.39 MI. S OF SR-153 JCT.

## ROUTE: SR029 SPECIAL CASE: 0

COUNTY: HAMILTON

COUNTY SEQUENCE: 1

LOG MILE: 9.67

SUFFICIENCY RATING: 95.6

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.17942 DEGREES YES **NHS ROUTE** (17a,b) LONGITUDE: 85.26857 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN FREEWAY** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE CONTINUOUS NATIONAL REGISTER (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: HS-20-44 AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1988 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 2 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 82.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 235.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: 100N (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 42 FT RECOMMENDED IMPROVEMENTS 44 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 6 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 81.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 35.76 FT (90) DATE OF LAST REGULAR INSPECTION: 1/10/2019 (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 24.93 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS):

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

NAVIGATION DATA

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

YES

ROUTE: SR029

LOG MILE: 9.67

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.6

BRIDGE ID NUMBER: 33SR0290088

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA C176

LOCATION: 1.39 MI. S OF SR-153 JCT.

- IDENTIFICATION

15211111107111011						
(16a,b) LATITUDE:	N	35.17962	<b>DEGREES</b>			
(17a,b) LONGITUDE:	W	85.26870	<b>DEGREES</b>			
(98a) BORDER BRIDGE STATE CODE:			N/A			
(98b) PERCENT SHARE:			N/A			
(99) BORDER BRIDGE NUMBER:		NOT A	PPLICABLE			

#### 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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1988 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 82.0 FT (49) TOTAL BRIDGE LENGTH: 235.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 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: 80.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 30.02 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 26.9 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:

(104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN FREEWAY** (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE** (102) TRAFFIC DIR: 1-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE:

(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE

NATIONAL REGISTER

NOT ON TRUCK NETWORK

## **CONDITION RATINGS**

(58) DECK:	6
(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 ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/10/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

YES

**NHS ROUTE** 

ROUTE: SR029

LOG MILE: 10.46

BRIDGE ID NUMBER: 33SR0290099

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: US-27

CROSSING: PITTS BRANCH

LOCATION: 0.58 MI. S OF SR-153 JCT.

## SUFFICIENCY RATING: 82.6

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

 IDENTIFICATION (16a,b) LATITUDE: Ν 35.18410 DEGREES (17a,b) LONGITUDE: 85.25560 DEGREES (98a) BORDER 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

C) TYPE PROTECTION:

(48) MAXIMUM SPAN LENGTH:

(45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: n **NOT APPLICABLE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: B) TYPE MEMBRANE: **NOT APPLICABLE** 

## AGE AND SERVICE

**NOT APPLICABLE** 

21.0 FT

N/A

(27) YEAR THE BRIDGE WAS BUILT: 1988 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

### GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH: 21.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 80.1 FT **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: **57 DEGREES** (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## NAVIGATION DATA =

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

(40) NAVIGATION HORZ CLEARANCE:

- CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM:

(26) FUNCTIONAL CLASS: **URBAN FREEWAY** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED

## CONDITION RATINGS

(58) DECK: Ν (59) SUPERSTRUCTURE: Ν (60) SUBSTRUCTURE: Ν (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:

(41) WT POSTING STATUS: **OPEN** 

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: Ν (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N01 (113) SCOUR CONDITION RATING: 8

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/14/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 10.56

BRIDGE ID NUMBER: 33SR0290090

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA C891

LOCATION: 0.5 MI. S OF SR-153 JCT.

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.9

IDENTIFICATION	NC		
(16a,b) LATITUDE:	N	35.18500	DEGREES
(17a,b) LONGITUDE:	W	85.25415	<b>DEGREES</b>
(98a) BORDER BRIDGE STATE CODE:			N/A
(98b) PERCENT SHARE:			N/A
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE

## 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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** 

B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION:

#### AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1988 (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 2

(48) MAXIMUM SPAN LENGTH: 82.0 FT (49) TOTAL BRIDGE LENGTH: 178.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT (52) BRIDGE OUT TO OUT WIDTH: 44 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT **NO MEDIAN** (33) BRIDGE MEDIAN:

(34) BRIDGE SKEW: 29 DEGREES

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 66.5 FT

(55b) MIN HORZ UNDERCLR ON RIGHT: 23 29 FT

## NAVIGATION DATA

(38) NAV CONTROL: **NOT APPLICABLE** 

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE: N/A

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE:

**EPOXY COATED REINFORCING** 

(106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE:

(28b) NUMBER OF LANES UNDER THE BRIDGE:

### ■ GEOMETRIC DATA •

(35) BRIDGE FLARE: YES. FLARED (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.44 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A N/A

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

SPECIAL CASE: 0

(26) FUNCTIONAL CLASS: **URBAN FREEWAY** (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE** 

(102) TRAFFIC DIR: 1-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE

NATIONAL REGISTER

## CONDITION RATINGS

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

### 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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY:

(69) UNDERCLEARANCE RATING: 7 (71) WATERWAY ADEQUACY: Ν

7

8

(72) APPROACH ROADWAY ALIGNMENT: 8

(36) TRAFFIC SAFETY FEATURES: 100N Ν

(113) SCOUR CONDITION RATING:

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/14/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



YES

BRIDGE ID NUMBER: 33SR0290089 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029

FIPS CODE: 14000 ROAD NAME: US-27

CROSSING: SR 29 / NFA C891

LOCATION: 0.5 MI. S OF SR-153 JCT.

- IDENTIFICATION

## CLASSIFICATION =

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 96.9

SPECIAL CASE: 0

LOG MILE: 10.56

IDENTIFICAT	ION			
(16a,b) LATITUDE:	N	35.18468	DEGREES	(112) MEET
(17a,b) LONGITUDE:	W	85.25420	<b>DEGREES</b>	(104) NATIC
(98a) BORDER BRIDGE STATE CODE:			N/A	(26) FUNC
(98b) PERCENT SHARE:			N/A	(101) PARA
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE	(102) TRAF

## 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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1988 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 82.0 FT (49) TOTAL BRIDGE LENGTH: 189.0 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 29 DEGREES (35) BRIDGE FLARE: YES. FLARED (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 67.6 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 22.28 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 22 97 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 TS NBIS BRIDGE LENGTH:

ONAL HIGHWAY SYSTEM: **NHS ROUTE** 

CTIONAL CLASS: **URBAN FREEWAY** ALLEL BRIDGE: **RIGHT LANE BRIDGE** 

FIC 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:	5
(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 **ALL LEGAL LOADS** WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS** (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/14/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33SR0290044 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 LOG MILE: 11.04 CROSSING: FAU 2162 LOCATION: SR-29 / SR-153 JCT. SUFFICIENCY RATING: 98.0 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.18810 DEGREES (17a,b) LONGITUDE: 85.24658 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: LOW SLUMP CONCRETE

A) TYPE OF SURFACE: B) TYPE MEMBRANE: PREFORMED FABRIC C) TYPE PROTECTION: NONE

AGE AND SERVICE \* (27) YEAR THE BRIDGE WAS BUILT: 1977 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (28b) NUMBER OF LANES UNDER THE BRIDGE: 4

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 85.0 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: 49.9 FT (52) BRIDGE OUT TO OUT WIDTH: 51.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 49.9 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES

(35) BRIDGE FLARE: **NO FLARE** 

NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 68.0 FT

(520) MIN VERTICAL CLEARANCE OVER RD:

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 16.7 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 32.15 FT (56) MIN HORZ UNDERCLR ON LEFT: 9.84 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

**PUBLICATION DATE** 19-Mar-20

YES **NHS ROUTE URBAN FREEWAY 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: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν

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:

(41) WT POSTING STATUS: OPEN

**APPRAISAL** 

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 4 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: 111N (113) SCOUR CONDITION RATING: Ν

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/8/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



YES

7

7

7

Ν

Ν

7

8

9

Ν

8

Ν

N/A

1/8/2019

24

N/A

N/A

Ν

Ν

100N

HS-20-44

**NHS ROUTE** 

BRIDGE ID NUMBER: 33SR0290043 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 LOG MILE: 11.04 CROSSING: SR 153 LOCATION: SR-29 / SR-153 JCT. SUFFICIENCY RATING: 99.0 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.18782 DEGREES (17a,b) LONGITUDE: w 85.24660 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN FREEWAY** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS CONTINUOUS NOT BEEN DETERMINED (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: LOW SLUMP CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: PREFORMED FABRIC DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: NONE (31) DESIGN LOADING: AGE AND SERVICE \* WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1977 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 85.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 169.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 42 FT RECOMMENDED IMPROVEMENTS 44 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 30 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 62.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 18.6 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: 32.15 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 9.84 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA =

**NOT APPLICABLE** 

N/A

N/A

N/A

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0290063 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: FALLING WATER CREEK LOG MILE: 11.35 LOCATION: 0.31 MI. N OF SR-153 JCT. SUFFICIENCY RATING: 83.1 IDENTIFICATION CLASSIFICATION = (16a,b) LATITUDE: N 35.19025 DEGREES (17a,b) LONGITUDE: 85.24203 DEGREES (98a) BORDER 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: **NOT APPLICABLE** (107) TYPE OF DECK: (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: 1977

N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
4	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:
	GEOMETRIC DATA
17 / ET	(48) MAXIMI IM SPAN I ENGTH:

17.4 FI	(48) MAXIMUM SPAN LENGTH:
56.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
84.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
OPEN MEDIAN	(33) BRIDGE MEDIAN:
30 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
IO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD: N
Y: <b>42.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADWAY
Y OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHWAY
OT 4001 10401 5	(541) MANUA (5DTIOAL LINDS BOLLEADANIOS NO

42.0 FI	LEARANCE ON ROADWAY:	(47) MIN HORIZONTAL CL
OR RAILROAD	NOT A HIGHWAY (	(54a) VERT UNDERCLR:
T APPLICABLE	ERCLEARANCE: NOT	(54b) MIN VERTICAL UND
OR RAILROAD	NOT A HIGHWAY (	(55a) HORZ UNDERCLR:
T APPLICABLE	LR ON RIGHT: NOT	(55b) MIN HORZ UNDERC
T APPLICABLE	CLR ON LEFT: NOT	(56) MIN HORZ UNDERC

#### NAVIGATION DATA (38) NAV CONTROL: NO NAVIGATION CONTROL

(,		-
(39) NAVIGATION VERTICAL CLEARA	NCE: N/A	4
(116) LIFT BRIDGE VERT CLEARANCE	: <b>N/A</b>	١
(40) NAVIGATION HORZ CLEARANCE	: <b>N/A</b>	٨

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

ASSIFICATION —	
GE LENGTH:	YES
Y SYSTEM: NHS I	ROUTE
S: URBAN FRE	EEWAY
NO PARALLEL B	BRIDGE
2-WAY TF	RAFFIC
GE: NOT APPLI	CABLE
ROUTE: ON TRUCK NET	WORK
E: HISTORICAL SIGNIFICANCE HA	AS
NOT BEEN DETERMINED	
DITION RATINGS ————	
	N
	N
	N
AND CHANNEL PROTECTION:	7
N (IF APPLICABLE):	7
D AND WEIGHT POSTING 💳	
HS	S-20-44
LE VEHICLES): ALL LEGAL I	
MORE AXLES): ALL LEGAL I	LOADS
ODE:	5
S: OPEN	
APPRAISAL ————	
JATION:	7
	N
RATING:	N
ACY:	7
AY ALIGNMENT:	8
ATURES:	NNNN
I RATING:	8
NDED IMPROVEMENTS —	
NOT APPLICABLE	
E IMPROVEMENT:	N/A
MENT COST:	
EMENT COST:	
OST:	
MENT COST ESTIMATE:	
PECTION DATES -	
JLAR INSPECTION: 1/1	14/2019
ON FREQUENCY (MONTHS):	24
DERWATER INSP (MO/YR):	N/A
P FREQUENCY (MONTHS):	N
NODEOTION (NO NO)	

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N/A

Ν

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 11.86

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 83.1

BRIDGE ID NUMBER: 33SR0290065

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: US-27 CROSSING: OVERFLOW

LOCATION: 0.82 MI. N OF SR-153 JCT.

IDENTIFICATION

			· · · · · · · · · · · · · · · · · · ·
(16a,b) LATITUDE:	N	35.19620 DEGREES	(112) MEETS NBIS BRIDGE
(17a,b) LONGITUDE:	W	85.23675 DEGREES	(104) NATIONAL HIGHWAY
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:

11.5 FT

**NOT APPLICABLE** 

N/A

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:

(48) MAXIMUM SPAN LENGTH:

(10) 110111121110111111111111111111111111	=
(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	NOT APPLICABLE
(108) TYPE OF WEARING SURFACE AND DEC	CK PROTECTION:
A) TYPE OF SURFACE:	NOT APPLICABLE
B) TYPE MEMBRANE:	NOT APPLICABLE
C) TYPE PROTECTION:	NOT APPLICABLE

## AGE AND SERVICE

1977	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
4	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

## GEOMETRIC DATA

27.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
84.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
<b>OPEN MEDIAN</b>	(33) BRIDGE MEDIAN:
<b>45 DEGREES</b>	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
Y: <b>42.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADWA
	(E. ) \ (EDT.   N   DED. ()   N   DED. ()

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

## NAVIGATION DATA =

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

(40) NAVIGATION HORZ CLEARANCE:

 CLASSIFICATION = SE LENGTH: YES Y SYSTEM: **NHS ROUTE** :S-**URBAN FREEWAY NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

## CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

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

(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:	NNNN
(113) SCOUR CONDITION RATING:	8

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

	MOI EGIIGN BATES
1/14/2019	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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(56) MIN HORZ UNDERCLR ON LEFT:



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 13.56

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 98.4

BRIDGE ID NUMBER: 33SR0290070

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: N. CHICKAMAUGA CREEK

LOCATION: 2.52 MI. N OF SR-153 JCT.

- IDENTIFICATION

## - CLASSIFICATION -

IDENTIFICAT	ION		CLASSI
(16a,b) LATITUDE:	N	35.21435 DEGREES	(112) MEETS NBIS BRIDGE LEN
(17a,b) LONGITUDE:	W	85.21660 DEGREES	(104) NATIONAL HIGHWAY SYS
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: n

**CONCRETE PRECAST PANELS** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** 

B) TYPE MEMBRANE: PREFORMED FABRIC NONE

C) TYPE PROTECTION:

## 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:

(28b) NUMBER OF LANES UNDER THE BRIDGE:

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 77.1 FT (49) TOTAL BRIDGE LENGTH: 304.1 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT

44 FT (52) BRIDGE OUT TO OUT WIDTH:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT

(33) BRIDGE MEDIAN: **OPEN MEDIAN** (34) BRIDGE SKEW: 0 DEGREES

(35) BRIDGE FLARE: **NO FLARE** 

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

NGTH: YES STEM: **NHS ROUTE URBAN FREEWAY LEFT LANE BRIDGE** 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:	6
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
(62) CULVERT CONDITION (IF APPLICABLE):	N

### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

2

0

42.0 FT

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: 3

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

1/8/2019	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: SR029

BRIDGE ID NUMBER: 33SR0290069

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: N. CHICKAMAUGA CREEK LOCATION: 2.52 MI. N OF SR-153 JCT.

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 13.56

SUFFICIENCY RATING: 87.2

#### - IDENTIFICATION CLASSIFICATION

(16a,b) LATITUDE:	N	35.21418	DEGREES	
(17a,b) LONGITUDE:	W	85.21633	<b>DEGREES</b>	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	
(99) BORDER BRIDGE NUMBER:	GE 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: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** 

B) TYPE MEMBRANE: PREFORMED FABRIC C) TYPE PROTECTION: NONE

#### AGE AND SERVICE =

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

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 77.1 FT 304.1 FT (49) TOTAL BRIDGE LENGTH: (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 **OPEN MEDIAN** (33) BRIDGE 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

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** 

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## NAVIGATION DATA =

(38) NAV CONTROL: NO NAVIGATION CONTROL

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

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

(112) MEETS NBIS BRIDGE LENGTH: YES **NHS ROUTE** (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: **URBAN FREEWAY** (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: 5 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): Ν

## 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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: 3

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/8/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

# NATIONAL BRIDGE INVENTORY



TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0290105 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 69560 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: SR-29 RAMP / POE BRANCH LOG MILE: 15.25 LOCATION: HARRISON LN EXIT RAMP SUFFICIENCY RATING: 98.6 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.23250 DEGREES (17a,b) LONGITUDE: 85.19577 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING **EPOXY COATED REINFORCING** 

1

0

N/A

C) TYPE PROTECTION: AGE AND SERVICE = (27) YEAR THE BRIDGE WAS BUILT: 1999 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** 

(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:

GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 27.2 FT (49) TOTAL BRIDGE LENGTH: 81.4 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 29.5 FT 35.4 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 36.1 FT **NO MEDIAN** (33) BRIDGE MEDIAN: 45 DEGREES

(34) BRIDGE SKEW: (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 26.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:

## YES **NHS ROUTE URBAN FREEWAY NO PARALLEL BRIDGE** 1-WAY TRAFFIC **NOT APPLICABLE**

ON TRUCK NETWORK BRIDGE IS NOT ELIGIBLE FOR THE

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

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

(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: 0N01 (113) SCOUR CONDITION RATING: 8

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/3/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



**YFS** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0290046 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 69560 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: FAU 3632/SOU RR/ POE BR LOG MILE: 15.89 LOCATION: 3.31 MI. S OF SR-319 JCT. SUFFICIENCY RATING: 87.9 IDENTIFICATION CLASSIFICATION = (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.23915 DEGREES (17a,b) LONGITUDE: 85.18880 DEGREES (98a) BORDER 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: n **CONCRETE PRECAST PANELS** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: PREFORMED FABRIC C) TYPE PROTECTION: NONE AGE AND SERVICE (27) VEAR THE BRIDGE WAS BUILT.

19/5	27) YEAR THE BRIDGE WAS BUILT:
N/A	106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	42a) SERVICE ON BRIDGE:
Y-RAILROAD	42b) UNDER BRIDGE: <b>HIGHWAY-WATERWAY</b>
2	28a) NUMBER OF LANES CARRIED BY BRIDGE:
2	28b) NUMBER OF LANES UNDER THE BRIDGE:
	GEOMETRIC DATA
77.1 FT	48) MAXIMUM SPAN LENGTH:

77.1 FT	(48) MAXIMUM SPAN LENGTH:
378.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
42 FT	(51) BRIDGE CURB TO CURB WIDTH:
44 FT	(52) BRIDGE OUT TO OUT WIDTH:
42.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
<b>OPEN MEDIAN</b>	(33) BRIDGE MEDIAN:
<b>45 DEGREES</b>	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
'AY: <b>42.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: RAILROAD
22.24 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
BENEATH BRIDGE	(55a) HORZ UNDERCLR: <b>HIGHWAY</b>
3.94 FT	(55b) MIN HORZ UNDERCLR ON RIGHT:

	NAVIGATION DATA	
(56)	MIN HORZ UNDERCLR ON LEFT:	NOT APPLICABLE
(55b)	MIN HURZ UNDERCLR UN RIGHT:	3.94 FI

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

**PUBLICATION DATE** 19-Mar-20

	(112) MEETS NBIS BRIDGE LENGTH:	YES
	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>
	(101) PARALLEL BRIDGE:	<b>LEFT LANE BRIDGE</b>
	(102) TRAFFIC DIR:	1-WAY TRAFFIC
	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK
		GNIFICANCE HAS
	NOT BEEN DET	ERMINED
	——— CONDITION RATING	s ———
	(58) DECK:	7
	(59) SUPERSTRUCTURE:	7
	(60) SUBSTRUCTURE:	7
	(61) STREAM CHANNEL AND CHANNEL PRO	TECTION: 8
	(62) CULVERT CONDITION (IF APPLICABLE):	
	DESIGN LOAD AND WEIGHT	
	(31) DESIGN LOADING:	HS-20-44
•	WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
	WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
	(70) BRIDGE POSTING CODE:	
		5
	(41) WT POSTING STATUS: OPEN	
	——— APPRAISAL	
	(67) STRUCTURAL EVALUATION:	6
	(68) DECK GEOMETRY:	8
	(69) UNDERCLEARANCE RATING:	3
	(71) WATERWAY ADEQUACY:	7
	(72) APPROACH ROADWAY ALIGNMENT:	8
	(36) TRAFFIC SAFETY FEATURES:	101N
	(113) SCOUR CONDITION RATING:	5
	RECOMMENDED IMPROV	EMENTS ———
	(75) TYPE OF WORK: <b>NOT APPLICABLE</b>	
	(76) LENGTH OF BRIDGE IMPROVEMENT:	N/A
	(94) BRIDGE IMPROVEMENT COST:	
	(95) ROADWAY IMPROVEMENT COST:	
	(96) TOTAL PROJECT COST:	
	(97) YEAR OF IMPROVEMENT COST ESTIM	ATE:
	INSPECTION DATES	· —
	(90) DATE OF LAST REGULAR INSPECTION:	1/3/2019
	(91) REGULAR INSPECTION FREQUENCY (M	IONTHS): 24
	(93b) DATE OF LAST UNDERWATER INSP (M	•
	(92b) UNDERWATER INSP FREQUENCY (MO	
	(93c) DATE OF SPECIAL INSPECTION (MO/YI	·
	(92c) SPECIAL INSP FREQUENCY (MONTHS	·
	• • •	·



BRIDGE ID NUMBER: 33SR0290045

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560

ROAD NAME: US-27

CROSSING: FAU3632/SOU RR/ POE BR

LOCATION: 3.31 MI. S OF SR-319 JCT.

CLASSIFICATION

LOCATION. 3.31 WII. 3 OF 3R-319 JCT.	SUFFICIENCY RATING. 01.3
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.23885 DEGREE	S (112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.18907 DEGREE	S (104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	A (26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	A (101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	E (102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS:	0 (58) DECK: 7
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: ASPHAL	(OO) OUR VERT CONDITION (IE ARRUSOARIE)
B) TYPE MEMBRANE: PREFORMED FABRIC	
C) TYPE PROTECTION: NON	
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 197	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE:  5
(42b) UNDER BRIDGE: HIGHWAY-WATERWAY-RAILROAI	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	APPRAISAL ———
(28b) NUMBER OF LANES UNDER THE BRIDGE:	2 (67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY:
(48) MAXIMUM SPAN LENGTH: 77.1 F	(69) UNDERCLEARANCE RATING: 3
(49) TOTAL BRIDGE LENGTH: 378.0 F	(71) WATERWAY ADEQUACY: 7
(50a) LEFT SIDEWALK WIDTH: 0.0 F	(72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: 101N
(50b) RIGHT SIDEWALK WIDTH: 0.0 F	(36) TRAFFIC SAFETY FEATURES: 101N (113) SCOUR CONDITION RATING: 5
(51) BRIDGE CURB TO CURB WIDTH: 42 F	
(52) BRIDGE OUT TO OUT WIDTH: 44 F	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 F	
(33) BRIDGE MEDIAN: OPEN MEDIAN	
(34) BRIDGE SKEW: 45 DEGREES	
(35) BRIDGE FLARE: NO FLARI	(00) TOTAL DECLEST COST
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(07) VEAD OF IMPROVEMENT COST ESTIMATE:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 F	INCRECTION DATES
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGI	
(54b) MIN VERTICAL UNDERCLEARANCE: 23.92 F	
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGI	· · ·
(55b) MIN HORZ UNDERCLR ON RIGHT: 3.94 F	
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	
(38) NAV CONTROL: NO NAVIGATION CONTROL	`
(00) NAV CONTINUE. NO NAVIGATION CONTROL	(020) OF LOIDE INOT TITLE QUEITOT (MONTHS).

N/A

N/A

N/A

PUBLICATION DATE
19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ON TRUCK NETWORK

ROUTE: SR029

LOG MILE: 16.38

**NOT BEEN DETERMINED** 

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 83.0

BRIDGE ID NUMBER: 33SR0290047

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: POE BRANCH

LOCATION: 2.82 MI. S OF SR-319 JCT.

IDENTIFICATION =

## CLASSIFICATION =

			0=,1001110,1111	
(16a,b) LATITUDE:	Ν	35.24313 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.18243 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND A	/ A T	EDIAI —	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

444 ET

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(48) MAYIMLIM SDANLENGTH:

(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

1975	) YEAR THE BRIDGE WAS BUILT:	(;
N/A	6) YEAR THE BRIDGE WAS REHABILITATED:	(
HIGHWAY	a) SERVICE ON BRIDGE:	(4
WATERWAY	b) UNDER BRIDGE:	(4
4	a) NUMBER OF LANES CARRIED BY BRIDGE:	(2
0	b) NUMBER OF LANES UNDER THE BRIDGE:	(:

### GEOMETRIC DATA =

14.1 FI	(40) MAXIMUM SPAN LENGTH.
29.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
84.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
OPEN MEDIAN	(33) BRIDGE MEDIAN:
45 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>39.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
AY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHW

## (56) MIN HORZ UNDERCLR ON LEFT:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

NAVIGATION DATA = (38) NAV CONTROL: NO NAVIGATION CONTROL (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(55a) HORZ UNDERCLR:

CONDITION	DATINGO
 CUMBILLON	CEDINA

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

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

(110) NATIONAL TRUCK ROUTE:

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

## RECOMMENDED IMPROVEMENTS

T APPLICABLE

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

1/7/2019	(90) DATE OF LAST REGULAR INSPECTION:
HS): <b>24</b>	(91) REGULAR INSPECTION FREQUENCY (MONTH
R): N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR)
S): N	(92b) UNDERWATER INSP FREQUENCY (MONTHS)
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

ROUTE: SR029

LOG MILE: 16.66

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 90.1

BRIDGE ID NUMBER: 33SR0290049

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: NFA G197 & TVA RR

LOCATION: 2.54 MI. S OF SR-319 JCT.

N ——	CLASSIFICATION		IDENTIFICATION			
YES	(112) MEETS NBIS BRIDGE LENGTH:	35.24672 DEGREES	N	(16a,b) LATITUDE:		
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:	85.18010 DEGREES	W	(17a,b) LONGITUDE:		
<b>URBAN FREEWAY</b>	(26) FUNCTIONAL CLASS:	N/A	E STATE CODE:	(98a) BORDER BRIDGE S		
RIGHT LANE BRIDGE	(101) PARALLEL BRIDGE:	N/A	E:	(98b) PERCENT SHARE:		
1-WAY TRAFFIC	(102) TRAFFIC DIR:	NOT APPLICABLE	NUMBER:	(99) BORDER BRIDGE N		
NOT APPLICABLE	(103) TEMPORARY BRIDGE:	E TYPE AND MATERIAL (103) TEMPORARY BRIDGE:		BRIDGE		
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:					

NONE

N/A

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: O **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: UNKNOWN

C) TYPE PROTECTION:

## AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1976 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY HIGHWAY-RAILROAD** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2

## ─ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 50.9 FT (49) TOTAL BRIDGE LENGTH: 150.9 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT (33) BRIDGE MEDIAN: **OPEN MEDIAN** (34) BRIDGE SKEW: 16 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 30.0 FT **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 24.34 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 2.3 FT

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## NAVIGATION DATA = **NOT APPLICABLE**

(38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE:

## 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 **ALL LEGAL LOADS** WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS** (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

(37) HISTORICAL CLASS:

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 3 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 101N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/7/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 16.66

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 90.1

BRIDGE ID NUMBER: 33SR0290050

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: NFA G197 & TVA RR

LOCATION: 2.54 MI. S OF SR-319 JCT.

- IDENTIFICATION

IDENTIFICATI	ON			
(16a,b) LATITUDE:	N	35.24687	<b>DEGREES</b>	(1
(17a,b) LONGITUDE:	W	85.18035	<b>DEGREES</b>	(1
(98a) BORDER BRIDGE STATE CODE:			N/A	(2
(98b) PERCENT SHARE:			N/A	(1
(99) BORDER BRIDGE NUMBER:		NOT A	PPLICABLE	(1

## 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: n (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: UNKNOWN

C) TYPE PROTECTION:

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

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 50.9 FT (49) TOTAL BRIDGE LENGTH: 150.9 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT **OPEN MEDIAN** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: 16 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 25.03 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 2.3 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

**PUBLICATION DATE** 19-Mar-20

 CLASSIFICATION 112) MEETS NBIS BRIDGE LENGTH: YES 104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 26) FUNCTIONAL CLASS: **URBAN FREEWAY** 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) CUI VERT CONDITION (IF APPLICABLE):	N

## DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

50\ DE014

NONE

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: 3 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 101N (113) SCOUR CONDITION RATING: Ν

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/7/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33SR0290052

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: FAU 1126 SEQUOYAH ROAD LOCATION: 2.42 MI. S OF SR-319 JCT.

COUNTY: HAMILTON ROUTE: SR029

SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 16.78 SUFFICIENCY RATING: 98.6

IDENTIFICATION	CLASSIFICATION -
IDENTIFICATION	OLAGGII IGATION
(16a,b) LATITUDE: N 35.24860 DEGREES	` '
(17a,b) LONGITUDE: W 85.17903 DEGREES	,
(98a) BORDER BRIDGE STATE CODE:	
(98b) PERCENT SHARE:	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	
BRIDGE TYPE AND MATERIAL	- ` '
(43a) MAIN SPAN MATERIAL: CONCRETE	,
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN ORANG	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	(F0) DECK:
(46) NUMBER OF APPROACH SPANS:	(50) OUDEDOTRUCTURE
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: 6
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(64) STDEAM CHANNEL AND CHANNEL DEOTECTION:
A) TYPE OF SURFACE:  ASPHAL*	(62) CHI VEDT CONDITION (IE ADDI ICADI E).
B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE	PERION LOAD AND MEIOUT POOTING
,	(31) DESIGN LOADING: HS-20-44
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1970	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: OPEN
(42b) UNDER BRIDGE: HIGHWAY	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	(C7) CTRUCTURAL EVALUATION:
(28b) NUMBER OF LANES UNDER THE BRIDGE:	(67) STRUCTURAL EVALUATION: 6
	(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 9
(28b) NUMBER OF LANES UNDER THE BRIDGE:	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  9
(28b) NUMBER OF LANES UNDER THE BRIDGE:	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 149.9 FT (49) TOTAL BRIDGE LENGTH: 149.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  N  (72) APPROACH ROADWAY ALIGNMENT:  8
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  (50b) RIGHT SIDEWALK WIDTH:  0.0 F	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  8 (36) TRAFFIC SAFETY FEATURES:  101N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 45.9 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 47.9 F	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  OPEN MEDIAN	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  N/A
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  (50b) RIGHT SIDEWALK WIDTH:  (51) BRIDGE CURB TO CURB WIDTH:  (52) BRIDGE OUT TO OUT WIDTH:  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN:  OPEN MEDIAN  OPEN MEDIAN  (34) BRIDGE SKEW:	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  (49.9 FT  149.9 FT  149.9 FT  149.9 FT  147.9 FT  147.9 FT  147.9 FT  149.9 FT  149	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  (49) TOTAL (149.9 FT (149	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N)  (113) SCOUR CONDITION RATING:   RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 100.0 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR:  (48) MAXIMUM SPAN LENGTH: 149.9 FT 149.	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N)  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (54c) MIN VERTICAL UNDERCLEARANCE: (149.9 FT  149.9 FT  149.	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  1/2/2019
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 149.9 FT  (49) TOTAL BRIDGE LENGTH: 149.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (51) BRIDGE CURB TO CURB WIDTH: 45.9 FT  (52) BRIDGE OUT TO OUT WIDTH: 47.9 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT  (33) BRIDGE MEDIAN: OPEN MEDIAN  (34) BRIDGE SKEW: 45 DEGREES  (35) BRIDGE FLARE: YES, FLAREI  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 100.0 FT  (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE  (55b) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  24
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (48) MAXIMUM SPAN LENGTH: (500) FT (500)	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  (93b) DATE OF LAST UNDERWATER INSP (MO/YR):  N/A
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (57b) MIN HORZ UNDERCLR ON LEFT: (57c) MIN HORZ UNDERCLR ON LEFT: (57c) NOT APPLICABLE	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  (924) UNDERWATER INSP FREQUENCY (MONTHS):  N
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (48) MAXIMUM SPAN LENGTH: (500) FT (500)	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (101N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  (92b) UNDERWATER INSP FREQUENCY (MONTHS):  N/A

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33SR0290051

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: FAU 1126 SEQUOYAH ROAD LOCATION: 2.42 MI. S OF SR-319 JCT.

COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 16.78

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 87.4

IDENTIFICATION	- CLASSIFICATION -
(16a,b) LATITUDE: N 35.24830 DEGREE	S (112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.17892 DEGREE	S (104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	A (26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	A (101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABL	E (102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
	, (58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLAC	(FO) SUPERSTRUCTURE.
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 5
A) TYPE OF SURFACE: ASPHAL	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NON	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NON	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 197	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BOILT.  (106) YEAR THE BRIDGE WAS REHABILITATED:	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWA	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWA	(41) WT POSTING STATUS: <b>OPEN</b>
· · · · · · · · · · · · · · · · · · ·	APPRAISAL ———
	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 8
(48) MAXIMUM SPAN LENGTH: 149.9 F	(69) UNDERCLEARANCE RATING: 9
(49) TOTAL BRIDGE LENGTH: 149.9 F	(71) WATERWAY ADEQUACY:
(50a) LEFT SIDEWALK WIDTH: 0.0 F	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 F	(36) TRAFFIC SAFETY FEATURES: 101N
(51) BRIDGE CURB TO CURB WIDTH: 42 F	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 44 F	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 F	
(33) BRIDGE MEDIAN: OPEN MEDIA	
(34) BRIDGE SKEW: 45 DEGREE	
(35) BRIDGE FLARE: YES, FLARE	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 44.0 F	
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDG	INSPECTION DATES —————
(54b) MIN VERTICAL UNDERCLEARANCE: 20.51 F	
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDG	,
(55b) MIN HORZ UNDERCLR ON RIGHT: 26.9 F	` '
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABL	
NAVIGATION DATA	
(38) NAV CONTROL: NOT APPLICABL	(92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 16.86

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33SR0290053

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: POE BRANCH

LOCATION: 2.34 MI. S OF SR-319 JCT.

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 85.0

IDENTIFICATION —————		CLASSIFICATI	
(16a,b) LATITUDE:	N	35.24932 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:
(17a,b) LONGITUDE:	W	85.17775 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:
(98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE:			
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:

9.8 FT

## 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

1976	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
1	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

## GEOMETRIC DATA =

24.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
24.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
30 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>29.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADWA

## (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## NAVIGATION DATA =

(38)	NAV CONTROL:	NO NAVIGATION CONTROL
(39)	NAVIGATION VERTICAL CLEARA	NCE: N/A

(39) NAVIGATION VERTICAL CLEARANCE: (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A - CLASSIFICATION -

I: YES	(112) MEETS NBIS BRIDGE LE
: NHS ROUTE	(104) NATIONAL HIGHWAY SY
URBAN FREEWAY	(26) FUNCTIONAL CLASS:
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:
1-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUT
RICAL SIGNIFICANCE HAS EEN 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 =

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

(41) WT POSTING STATUS: OPEN

	APPRAISAL	
(6	7) STRUCTURAL EVALUATION:	7
(68	8) DECK GEOMETRY:	N
(69	9) UNDERCLEARANCE RATING:	N
(7	1) WATERWAY ADEQUACY:	7
(7:	2) APPROACH ROADWAY ALIGNMENT:	8
(30	6) TRAFFIC SAFETY FEATURES:	NN11
(1	13) SCOUR CONDITION RATING:	8

## RECOMMENDED IMPROVEMENTS

T APPLICABLE

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

1/2/2019	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

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(54a) VERT UNDERCLR:

(48) MAXIMUM SPAN LENGTH:



BRIDGE ID NUMBER: 33SR0290055

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27 CROSSING: POE BRANCH

LOCATION: 2.25 MI. S OF SR-319 JCT.

COUNTY: HAMILTON ROUTE: SR029 SPECIAL CASE: 0

LOG MILE: 16.95 SUFFICIENCY RATING: 85.0

## IDENTIFICATION

(16a,b) LATITUDE: Ν 35.25082 DEGREES (17a,b) LONGITUDE: 85.17657 DEGREES (98a) BORDER 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: **NOT APPLICABLE** A) TYPE OF SURFACE: 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 **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 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 UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 FT **NO MEDIAN** (33) BRIDGE 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

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

- CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN FREEWAY** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

COUNTY SEQUENCE: 1

(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: Ν (59) SUPERSTRUCTURE: Ν (60) SUBSTRUCTURE: Ν (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:

(41) WT POSTING STATUS: **OPEN** 

## **APPRAISAL**

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

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 1/2/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 17.12

**NOT BEEN DETERMINED** 

Ν

Ν

Ν

7

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33SR0290057

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27 CROSSING: POE BRANCH

LOCATION: 2.08 MI. S OF SR-319 JCT.

## - CLASSIFICATION -

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

CONDITION RATINGS •

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 83.6

IDENTIFICATION —				
(16a,b) LATITUDE:	N	<b>35.25225 DEGREES</b> (112) MEETS NBIS BRIDGE LENGTH:		YES
(17a,b) LONGITUDE:	W	85.17607 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	<b>NO PARALLEL BRIDGE</b>
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL (103) TEMPORARY BRIDGE: NOT APP		NOT APPLICABLE		
(110) NATIONAL TRUCK ROUTE: ON TRUCK NE		ON TRUCK NETWORK		

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:

(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

(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:	6
(28b) NUMBER OF LANES UNDER THE BRIDGE:	0

## GEOMETRIC DATA =

(48) MAXIMUM SPAN LENGTH:	9.8 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:	UNDER FILL
(52) BRIDGE OUT TO OUT WIDTH:	UNDER FILL
(32) APPROACH ROADWAY (W/ SHLDS) W	IDTH: <b>136.2 FT</b>
(33) BRIDGE MEDIAN:	OPEN MEDIAN
(34) BRIDGE SKEW:	30 DEGREES
(35) BRIDGE FLARE:	NO FLARE
(520) MIN VERTICAL CLEARANCE OVER R	D: <b>NO RESTRICTION</b>
(47) MIN HORIZONTAL CLEARANCE ON RO	DADWAY: <b>42.0 FT</b>
(54a) VERT UNDERCLR: NOT A F	IIGHWAY OR RAILROAD

NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:	
GHWAY OR RAILROAD	R: NOT A HIGHWAY OR RAILROA	
NOT APPLICABLE	LR ON RIGHT:	(55b) MIN HORZ UNDERCLE

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## - NAVIGATION DATA -

(38)	NAV CONTROL:	NO NAVIGATION CONTROL
(39)	NAVIGATION VERTICAL CLEARA	NCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

(58) DECK: (59) SUPERSTRUCTURE: (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CULVERT CONDITION (IF APPLICABLE): AGE AND SERVICE •

## DESIGN LOAD AND WEIGHT POSTING =

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

(41) WT POSTING STATUS: OPEN

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

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

	1101 2011011 271120
2/11/2019	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 17.29

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33SR0290060

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: NFA D570 CARD RD

LOCATION: 1.91 MI. S OF SR-319 JCT.		SUFFICIENCY RATING: 97.6	
IDENTIFICATION			
(16a,b) LATITUDE: N 35.2547	5 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W 85.1746	0 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS: UR	BAN FREEWAY
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE: LEFT	LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT	APPLICABLE	(102) TRAFFIC DIR:	-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE: NO	T APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONC			JCK NETWORK
CONTINUOUS		(37) HISTORICAL CLASS: HISTORICAL SIGNIFICAL	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE		NOT BEEN DETERMINE	
(45) NUMBER OF MAIN SPANS:	3	———— CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:	7
(107) TYPE OF DECK: CONCRETE CA	ST-IN-PLACE	(59) SUPERSTRUCTURE:	7
(108) TYPE OF WEARING SURFACE AND DECK PROT	ECTION:	(60) SUBSTRUCTURE:	7
A) TYPE OF SURFACE:	<b>ASPHALT</b>	(61) STREAM CHANNEL AND CHANNEL PROTECTIO	
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICABLE):	N
C) TYPE PROTECTION:	NONE	DESIGN LOAD AND WEIGHT POST	ING ——
AGE AND SERVICE		(31) DESIGN LOADING:	HS-20-44
(27) YEAR THE BRIDGE WAS BUILT:	1976	,	LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL	LEGAL LOADS
(42a) SERVICE ON BRIDGE:	HIGHWAY	(70) BRIDGE POSTING CODE:	5
(42b) UNDER BRIDGE:	HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	2	APPRAISAL	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	2	(67) STRUCTURAL EVALUATION:	7
GEOMETRIC DATA		(68) DECK GEOMETRY:	8
	4	(69) UNDERCLEARANCE RATING:	5
(48) MAXIMUM SPAN LENGTH:	53.1 FT	(71) WATERWAY ADEQUACY:	N
(49) TOTAL BRIDGE LENGTH:	128.9 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	111N
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	(113) SCOUR CONDITION RATING:	N
(51) BRIDGE CURB TO CURB WIDTH:	42 FT	RECOMMENDED IMPROVEMENT	rs ——
(52) BRIDGE OUT TO OUT WIDTH:	44 FT	(75) TYPE OF WORK: NOT APPLICABLE	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	42.0 FT	(76) LENGTH OF BRIDGE IMPROVEMENT:	N/A
	PEN MEDIAN	(94) BRIDGE IMPROVEMENT COST:	1477
(34) BRIDGE SKEW:	4 DEGREES	(95) ROADWAY IMPROVEMENT COST:	
(35) BRIDGE FLARE:	NO FLARE	(96) TOTAL PROJECT COST:	
,	RESTRICTION	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:	41.0 FT	INSPECTION DATES	
(54a) VERT UNDERCLR: HIGHWAY BENE			2/5/2040
(54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: HIGHWAY BENE	17.95 FT	(90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS)	2/5/2019
, ,		(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	,
(55b) MIN HORZ UNDERCLR ON RIGHT:  (56) MIN HORZ UNDERCLR ON LEFT: NOT	9.19 FT		N/A
	APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N N/A
NAVIGATION DATA	ADDITIOADI	(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(38) NAV CONTROL: NOT	APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS):	N

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 17.29

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.6

BRIDGE ID NUMBER: 33SR0290059

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: NFA D570 CARD RD

LOCATION: 1.91 MI. S OF SR-319 JCT.

- IDENTIFICATION

IDENTIFICA	ATION			
(16a,b) LATITUDE:	N	35.25457	DEGREES	(112) MEE
(17a,b) LONGITUDE:	W	85.17430	DEGREES	(104) NAT
(98a) BORDER BRIDGE STATE CODE	i:		N/A	(26) FUN
(98b) PERCENT SHARE:			N/A	(101) PAR
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE	(102) TRA

### 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: n **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** 

B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION:

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1976 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY HIGHWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 53.1 FT 128.9 FT (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT (52) BRIDGE OUT TO OUT WIDTH: 44 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT

(33) BRIDGE MEDIAN: **OPEN MEDIAN** (34) BRIDGE SKEW: 4 DEGREES

(35) BRIDGE FLARE: **NO FLARE** 

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 41.0 FT

(520) MIN VERTICAL CLEARANCE OVER RD:

(54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(54b) MIN VERTICAL UNDERCLEARANCE: 16.7 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 9.19 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

**PUBLICATION DATE** 19-Mar-20

	CLASSIFICATION
YES	(112) MEETS NBIS BRIDGE LENGTH:
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:
<b>URBAN FREEWAY</b>	(26) FUNCTIONAL CLASS:
RIGHT LANE BRIDGE	(101) PARALLEL BRIDGE:
1-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:
	(37) HISTORICAL CLASS: HISTORICAL S
TERMINED	NOT REEN DE

#### 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

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

(41) WT POSTING STATUS: OPEN

2

NO RESTRICTION

#### ADDDAICAL

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

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

# NATIONAL BRIDGE INVENTORY



YES

**NHS ROUTE** 

**URBAN FREEWAY** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0290071 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 69560 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: FAU 4463 LOG MILE: 19.69 LOCATION: 0.49 MI. N OF SR-319 JCT. SUFFICIENCY RATING: 83.2 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.28385 DEGREES (17a,b) LONGITUDE: 85.15255 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE **EPOXY COATED REINFORCING** C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): 1984

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

(48) MAXIMUM SPAN LENGTH: 96.1 FT (49) TOTAL BRIDGE LENGTH: 97.1 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 98.1 FT 100.1 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 100.1 FT (33) BRIDGE MEDIAN: **OPEN 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: 42.0 FT **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.7 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 31.5 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

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:

NOT BEEN DETERMIN	IED
CONDITION RATINGS	
(58) DECK:	7
(59) SUPERSTRUCTURE:	7
(60) SUBSTRUCTURE:	7
(61) STREAM CHANNEL AND CHANNEL PROTECTION	ON: <b>N</b>
(62) CULVERT CONDITION (IF APPLICABLE):	N
TESIGN LOAD AND WEIGHT POST	TING —

HS-20-44 **ALL LEGAL LOADS** WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

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

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

N/A

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

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



ROUTE: SR029

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33SR0290073 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: US-27 CROSSING: SODDY CREEK

FIPS CODE: 69560

LOCATION: 0.73 MI. N OF SR-319 JCT.

LOG MILE: 19.93 SUFFICIENCY RATING: 78.2

ECOATION. 0.70 MIL IV OF CR-013 001.	CONTIONENCY TRAINC. 70.2
IDENTIFICATION ————	
(16a,b) LATITUDE: N 35.28718 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.15208 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 3	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE: 7 (60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(**)
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): N
B) TYPE MEMBRANE: NONE	
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1984	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(425) STEET BRIDGE:	4 D D D 4 10 4 1
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 4	
,	(67) STRUCTURAL EVALUATION: 7
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 4	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  49.9 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 49.9 FT (49) TOTAL BRIDGE LENGTH: 149.9 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 49.9 FT (49) TOTAL BRIDGE LENGTH: 149.9 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 49.9 FT (49) TOTAL BRIDGE LENGTH: 149.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT	<ul> <li>(67) STRUCTURAL EVALUATION: 7</li> <li>(68) DECK GEOMETRY: 9</li> <li>(69) UNDERCLEARANCE RATING: N</li> <li>(71) WATERWAY ADEQUACY: 8</li> <li>(72) APPROACH ROADWAY ALIGNMENT: 8</li> <li>(36) TRAFFIC SAFETY FEATURES: 100N</li> <li>(113) SCOUR CONDITION RATING: 5</li> </ul>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: 5
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 86 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 86 FT (52) BRIDGE OUT TO OUT WIDTH: 87.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 149.9 FT
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 49.9 FT 0.0 FT 0.0 FT 86 FT	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N         (113) SCOUR CONDITION RATING:       5         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       149.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,749,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N         (113) SCOUR CONDITION RATING:       5         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       149.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,749,000.00         (95) ROADWAY IMPROVEMENT COST:       \$175,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 86 FT (52) BRIDGE OUT TO OUT WIDTH: 87.9 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 88.9 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N         (113) SCOUR CONDITION RATING:       5         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       149.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,749,000.00         (95) ROADWAY IMPROVEMENT COST:       \$175,000.00         (96) TOTAL PROJECT COST:       \$2,624,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 86 FT (52) BRIDGE OUT TO OUT WIDTH: 87.9 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE:	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N         (113) SCOUR CONDITION RATING:       5         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       149.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,749,000.00         (95) ROADWAY IMPROVEMENT COST:       \$175,000.00         (96) TOTAL PROJECT COST:       \$2,624,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2019
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  NO RESTRICTION	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N         (113) SCOUR CONDITION RATING:       5         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       149.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,749,000.00         (95) ROADWAY IMPROVEMENT COST:       \$175,000.00         (96) TOTAL PROJECT COST:       \$2,624,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N         (113) SCOUR CONDITION RATING:       5         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       149.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,749,000.00         (95) ROADWAY IMPROVEMENT COST:       \$1,75,000.00         (96) TOTAL PROJECT COST:       \$2,624,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2019         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       2/11/2019
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE SKEW: (50) MIN VERTICAL CLEARANCE OVER RD: (50) MIN VERTICAL CLEARANCE ON ROADWAY: (50) MIN VERTICAL UNDERCLEARANCE: (50) M	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N         (113) SCOUR CONDITION RATING:       5         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       149.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,749,000.00         (95) ROADWAY IMPROVEMENT COST:       \$175,000.00         (96) TOTAL PROJECT COST:       \$2,624,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2019         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       2/11/2019         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (540) VERT UNDERCLR: (541) NOT A HIGHWAY OR RAILROAD (545) MIN VERTICAL UNDERCLEARANCE: (550) MIN HORZ UNDERCLR: (550) MIN HORZ UNDERCLR ON RIGHT: (551) NOT APPLICABLE	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       9         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       8         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       100N         (113) SCOUR CONDITION RATING:       5         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       149.9 FT         (94) BRIDGE IMPROVEMENT COST:       \$1,749,000.00         (95) ROADWAY IMPROVEMENT COST:       \$175,000.00         (96) TOTAL PROJECT COST:       \$2,624,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2019         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       2/11/2019         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24         (93b) DATE OF LAST UNDERWATER INSP (MO/YR):       N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE SKEW: (50) MIN VERTICAL CLEARANCE OVER RD: (50) MIN VERTICAL CLEARANCE ON ROADWAY: (50) MIN VERTICAL UNDERCLEARANCE: (50) M	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: 5  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 149.9 FT (94) BRIDGE IMPROVEMENT COST: \$1,749,000.00 (95) ROADWAY IMPROVEMENT COST: \$1,749,000.00 (96) TOTAL PROJECT COST: \$2,624,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 2/11/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: 5  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 149.9 FT (94) BRIDGE IMPROVEMENT COST: \$1,749,000.00 (95) ROADWAY IMPROVEMENT COST: \$1,749,000.00 (96) TOTAL PROJECT COST: \$2,624,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 2/11/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 0/14 (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (566) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: 5  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 149.9 FT (94) BRIDGE IMPROVEMENT COST: \$1,749,000.00 (95) ROADWAY IMPROVEMENT COST: \$1,749,000.00 (96) TOTAL PROJECT COST: \$2,624,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 2/11/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): N

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33SR0290091
BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **69560** ROAD NAME: **US-27** 

CROSSING: SR-29 / OLD DAYTON PK LOCATION: 0.52 MI. S OF SR-111 JCT.

COUNTY: HAMILTON
ROUTE: SR029
SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 20.39

#### - CLASSIFICATION -

SUFFICIENCY RATING: 81.2

(16a,b) LATITUDE:	N	35.29402	DEGREES	
(17a,b) LONGITUDE:	W	85.15113	DEGREES	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	
(99) BORDER BRIDGE NUMBER:		NOT A	PPLICABLE	

IDENTIFICATION

#### BRIDGE TYPE AND MATERIAL =

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

(45) NUMBER OF MAIN SPANS:	3
(46) NUMBER OF APPROACH SPA	ANS: 0
(107) TYPE OF DECK:	CONCRETE PRECAST PANELS
(108) TYPE OF WEARING SURFAC	CE AND DECK PROTECTION:
A) TYPE OF SURFACE:	ASPHALT
B) TYPE MEMBRANE:	NONE
C) TYPE PROTECTION:	<b>EPOXY COATED REINFORCING</b>

## — AGE AND SERVICE —

	71927112 92111192
1993	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
HIGHWAY	(42b) UNDER BRIDGE:
6	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
2	(28b) NUMBER OF LANES UNDER THE BRIDGE:

### GEOMETRIC DATA

	LOWLING DATA	GLO
146.0 FT	NGTH:	(48) MAXIMUM SPAN LENGT
266.1 FT	IGTH:	(49) TOTAL BRIDGE LENGTH
0.0 FT	/IDTH:	(50a) LEFT SIDEWALK WIDT
0.0 FT	WIDTH:	(50b) RIGHT SIDEWALK WID
100.1 FT	URB WIDTH:	(51) BRIDGE CURB TO CURE
104 FT	JT WIDTH:	(52) BRIDGE OUT TO OUT W
96.1 FT	/AY (W/ SHLDS) WIDTH:	(32) APPROACH ROADWAY
N - WITH BARRIER	CLOSED MEDIA	(33) BRIDGE MEDIAN:
54 DEGREES		(34) BRIDGE SKEW:
NO FLARE		(35) BRIDGE FLARE:
NO RESTRICTION	EARANCE OVER RD:	(520) MIN VERTICAL CLEAR
AY: <b>48.0 FT</b>	LEARANCE ON ROADW	(47) MIN HORIZONTAL CLEA
BENEATH BRIDGE	HIGHWAY	(54a) VERT UNDERCLR:
16.01 FT	DERCLEARANCE:	(54b) MIN VERTICAL UNDER
BENEATH BRIDGE	HIGHWAY	(55a) HORZ UNDERCLR:

# (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA

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

# PUBLICATION DATE 19-Mar-20

(55b) MIN HORZ UNDERCLR ON RIGHT:

(112) MEETS NBIS BRIDGE LENGTH:	YES	
(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE	
(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>	
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE	
(102) TRAFFIC DIR:	2-WAY TRAFFIC	
(103) TEMPORARY BRIDGE:	NOT APPLICABLE	
(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK	
(37) HISTORICAL CLASS: BRIDGE IS NO NATIONAL RE	OT ELIGIBLE FOR THE EGISTER	

#### 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

HS-	-20-44
E VEHICLES): ALL LEGAL LO	OADS
MORE AXLES): ALL LEGAL LO	OADS
DDE:	5

# (41) WT POSTING STATUS: OPEN

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

#### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	NOT APPLICABLE	
(76)	LENGTH OF BRIDG	SE IMPROVEMENT:	N/A
(0.4)			

- (94) BRIDGE IMPROVEMENT COST:
- (95) ROADWAY IMPROVEMENT COST:
- (96) TOTAL PROJECT COST:

5.25 FT

**NOT APPLICABLE** 

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	2/6/2019
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N



Ν

BRIDGE ID NUMBER: 33SR0290093

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560 ROAD NAME: US-27

CROSSING: BIG SODDY CREEK LOCATION: 0.2 MI. S OF SR-111 JCT.

COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 20.58

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 57.0

IDENTIFICATION	
IDENTIFICATION —————	CLASSIFICATION —
(16a,b) LATITUDE: N 35.29697 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.15110 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	
(45) NUMBER OF MAIN SPANS: 5	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 4
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1991	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 6	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 4
GEOMETRIC DATA	(68) DECK GEOMETRY: 9
	(69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 118.1 FT	(71) WATERWAY ADEQUACY: 8
(49) TOTAL BRIDGE LENGTH: 548.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 100N
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 110.9 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 116.1 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 107.9 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION
(33) BRIDGE MEDIAN: CLOSED MEDIAN - WITH BARRIER	(76) LENGTH OF BRIDGE IMPROVEMENT: 548.9 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$9,421,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$943,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$14,132,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 51.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 2/13/2019
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	\\\
	(81) NEGULAN INSPECTION FREQUENCT (WONTHS). 24
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE  (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(55b) MIN HORZ UNDERCLR ON RIGHT:  (56) MIN HORZ UNDERCLR ON LEFT:  NOT APPLICABLE  NOT APPLICABLE  NOT APPLICABLE	

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



YES

Ν

Ν

Ν

7

7

7

Ν

Ν

7

8

8

N/A

2/6/2019

0N01

HS-20-44

ALL LEGAL LOADS

ALL LEGAL LOADS

**NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**RURAL EXPRESSWAY** 

**NO PARALLEL BRIDGE** 

ON TRUCK NETWORK

BRIDGE ID NUMBER: 33SR0290031

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: US-27

CROSSING: LITTLE OPOSSUM CREEK LOCATION: 3.0 MI. N OF SR-111 JCT.

COUNTY: HAMILTON ROUTE: SR029 SPECIAL CASE: 0

LOG MILE: 23.57 SUFFICIENCY RATING: 83.1

COUNTY SEQUENCE: 1

#### IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.33557 DEGREES (17a,b) LONGITUDE: 85.12938 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **NOT APPLICABLE** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1992 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 15.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 48.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL** RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

42.0 FT

N/A

N/A

N/A

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν PRODUCED PURSUANT TO

INSPECTION DATES

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(90) DATE OF LAST REGULAR INSPECTION:

**PUBLICATION DATE** 19-Mar-20

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

NAVIGATION DATA

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(39) NAVIGATION VERTICAL CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 23.64

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33SR0290101

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: US-27 CROSSING: OVERFLOW

LOCATION: 2.74 MI. N OF SR-111 JCT.

# - CLASSIFICATION

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 83.1

 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.33558 DEGREES (17a,b) LONGITUDE: 85.12928 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR:

#### 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: n (107) TYPE OF DECK: **NOT APPLICABLE** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: B) TYPE MEMBRANE: **NOT APPLICABLE NOT APPLICABLE** C) TYPE PROTECTION:

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1992 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 15.1 FT (49) TOTAL BRIDGE LENGTH: 48.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE 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 **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** 

# NAVIGATION DATA =

**NOT A HIGHWAY OR RAILROAD** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

(38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

YES **NHS ROUTE RURAL EXPRESSWAY NO PARALLEL BRIDGE** 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK

(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE

NATIONAL REGISTER

### CONDITION RATINGS

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

#### 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:

(41) WT POSTING STATUS: **OPEN** 

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 2/11/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

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(55a) HORZ UNDERCLR:



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 23.71

BRIDGE ID NUMBER: 33SR0290034

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: US-27

CROSSING: BIG OPOSSUM CREEK

LOCATION: 2.79 MI. N OF SR-111 JCT.

- IDENTIFICATION

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 98.0

IDENTIFICATION				
(16a,b) LATITUDE:	N	35.33765	<b>DEGREES</b>	
(17a,b) LONGITUDE:	W	85.12933	<b>DEGREES</b>	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE: N/A		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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: 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 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER 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: 100.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT **NO MEDIAN** (33) BRIDGE 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 **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** 

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (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** 

SPECIAL CASE: 0

(26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY** (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE** 

(102) TRAFFIC DIR: 1-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK

(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE

NATIONAL REGISTER

#### CONDITION RATINGS

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

### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

**APPRAISAL** (67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: Ν (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: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 2/14/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

BRIDGE ID NUMBER: 33SR0290033

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: US-27

CROSSING: BIG OPOSSUM CREEK LOCATION: 2.79 MI. N OF SR-111 JCT.

ROUTE: SR029 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 23.71

SUFFICIENCY RATING: 98.0

#### IDENTIFICATION - CLASSIFICATION

(16a,b) LATITUDE: Ν 35.33765 DEGREES (17a,b) LONGITUDE: 85.12915 DEGREES (98a) BORDER 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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: 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 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER 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 100.1 FT (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT **NO MEDIAN** (33) BRIDGE 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 **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY** (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER

#### CONDITION RATINGS

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

#### 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:

(41) WT POSTING STATUS: OPEN

**APPRAISAL** (67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: Ν (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: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 2/14/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR029

LOG MILE: 24.14

BRIDGE ID NUMBER: 33SR0290035

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: US-27

CROSSING: SMALL BRANCH

LOCATION: 2 22 MI NOE SP 444 ICT

# SLIEFICIENCY RATING: 83.2

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

LOCATION: 3.23 MI. N OF SR-111 JCT.	SUFFICIENCY RATING: 83.2
IDENTIFICATION	CLASSIFICATION —
(16a,b) LATITUDE: N 35.34365 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.12795 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL EXPRESSWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	NATIONAL REGISTER
(45) NUMBER OF MAIN SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N
(107) TYPE OF DECK: NOT APPLICABLE	(59) SUPERSTRUCTURE: N
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: N
A) TYPE OF SURFACE: NOT APPLICABLE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 6
B) TYPE MEMBRANE: NOT APPLICABLE	(62) CULVERT CONDITION (IF APPLICABLE): 7
C) TYPE PROTECTION: NOT APPLICABLE	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1992	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 4	APPRAISAL —————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: N
(48) MAXIMUM SPAN LENGTH: 11.2 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 24.9 FT	(71) WATERWAY ADEQUACY: 7
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: <b>ONON</b>
(51) BRIDGE CURB TO CURB WIDTH: UNDER FILL	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: UNDER FILL	RECOMMENDED IMPROVEMENTS ———
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(75) TYPE OF WORK: <b>NOT APPLICABLE</b>
(33) BRIDGE MEDIAN: OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 25 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 2/13/2019
(55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

**NOT APPLICABLE** 

N/A

N/A

N/A

**NO NAVIGATION CONTROL** 

**PUBLICATION DATE** 19-Mar-20

(38) NAV CONTROL:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(39) NAVIGATION VERTICAL CLEARANCE:

- NAVIGATION DATA -

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N/A

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



YES

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6

7

7

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7

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8

NNNN

51.8 FT

2019

24

N/A

N/A

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\$560,000,00

\$57,000.00

\$841,000.00

2/13/2019

HS-20-44

ALL LEGAL LOADS

ALL LEGAL LOADS

**NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**RURAL EXPRESSWAY** 

ON TRUCK NETWORK

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0290037 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: HODGETOWN BRANCH LOG MILE: 26.41 LOCATION: 4.43 MI. FROM RHEA CO. SUFFICIENCY RATING: 70.0 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.37432 DEGREES (17a,b) LONGITUDE: 85.11313 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **NOT APPLICABLE** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1992 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: 24.0 FT (71) WATERWAY ADEQUACY:

(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: 51.8 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 82.0 FT **NO MEDIAN** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: **60 DEGREES** (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 82.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** NAVIGATION DATA

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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(72) APPROACH ROADWAY ALIGNMENT:

(76) LENGTH OF BRIDGE IMPROVEMENT:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(90) DATE OF LAST REGULAR INSPECTION:

RECOMMENDED IMPROVEMENTS

INSPECTION DATES

**BRIDGE REHABILITATION** 

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(94) BRIDGE IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(95) ROADWAY IMPROVEMENT COST:

(75) TYPE OF WORK:

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



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N/A

LOG MILE: 27.28

BRIDGE ID NUMBER: 33SR0290039 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 SPECIAL CASE: 0 FIPS CODE: 00000

ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: ROCK CREEK

LOCATION: 3.54 MI. FROM RHEA CO.	SUFFICIENCY RATING: 79.9	
IDENTIFICATION ————		
(16a,b) LATITUDE: N 35.38597 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 85.10802 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL EXPRESSWAY	
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK	
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	——— CONDITION RATINGS	
(45) NUMBER OF MAIN SPANS:	(58) DECK: <b>7</b>	
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: 6	
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(60) SUBSTRUCTURE: 7	
(108) TYPE OF CUREACE.	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
A) TYPE OF SURFACE: MONOLITHIC CONCRETE B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N	
B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: EPOXY COATED REINFORCING	DESIGN LOAD AND WEIGHT POSTING	
,	(31) DESIGN LOADING: HS-20-44	
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 1993	WEIGHT POSTING (2 AXLE VEHICLES):  WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5	
(42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN	(41) WT POSTING STATUS: OPEN	
(42b) UNDER BRIDGE: WATERWAY	APPRAISAL	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 5		
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION:	
GEOMETRIC DATA	(68) DECK GEOMETRY: 7	
(48) MAXIMUM SPAN LENGTH: 67.9 FT	(69) UNDERCLEARANCE RATING:  N (74) WATERWAY AREQUACY:	
(49) TOTAL BRIDGE LENGTH: 203.1 FT	(71) WATERWAY ADEQUACY: 7	
(50a) LEFT SIDEWALK WIDTH: 4.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N	
(50b) RIGHT SIDEWALK WIDTH: 4.9 FT	(36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: 8	
(51) BRIDGE CURB TO CURB WIDTH: 84 FT		
(52) BRIDGE OUT TO OUT WIDTH: 96.1 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 203.1 FT	
(34) BRIDGE SKEW: 20 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$2,655,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$266,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$3,983,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 84.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019	
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 2/21/2019	
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A	

**NOT APPLICABLE** 

N/A

N/A

N/A

**NO NAVIGATION CONTROL** 

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(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(38) NAV CONTROL:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(39) NAVIGATION VERTICAL CLEARANCE:

NAVIGATION DATA =



BRIDGE ID NUMBER: 33SR0290041 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR029 SPECIAL CASE: 0 FIPS CODE: 00000

ROAD NAME: US-27 COUNTY SEQUENCE: 1 CROSSING: SALE CREEK LOG MILE: 28.26 LOCATION: 2.56 MI FROM RHEA CO. SUFFICIENCY RATING: 84.0

EGG/(HON. E.GO IIII I NOIII MILEA GG.	CONTROLLINO FIGURE
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.39965 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.10415 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL EXPRESSWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	NATIONAL REGISTER
(45) NUMBER OF MAIN SPANS: 4	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): N
B) TYPE MEMBRANE: NONE	(-,,,,,,,,,,,,,-
C) TYPE PROTECTION: <b>EPOXY COATED REINFORCING</b>	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE —	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1992	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  (70) BRIDGE POSTING CODE:  5
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5 (41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: WATERWAY	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 5	7 7 . 2 2
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: 7 (69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 80.1 FT	(71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH: 319.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 7
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1001
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 84 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 86 FT	(75) TYPE OF WORK: NOT APPLICABLE
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 84.0 FT	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(33) BRIDGE MEDIAN: NO MEDIAN	(94) BRIDGE IMPROVEMENT COST:
(34) BRIDGE SKEW: 15 DEGREES	(95) ROADWAY IMPROVEMENT COST:
(35) BRIDGE FLARE:  NO FLARE  (50) MIN VERTICAL CLEARANCE OVER DR.: NO PESTRICTION	(96) TOTAL PROJECT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: <b>84.0 FT</b> (54a) VERT UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	INSPECTION DATES
,	(90) DATE OF LAST REGULAR INSPECTION 2/26/2019
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 2/26/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b> (55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b> (55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

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COUNTY: HAMILTON

ROUTE: SR038

LOG MILE: 2.26

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 39.0

BRIDGE ID NUMBER: 33SR0380003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** 

ROAD NAME: BIRMINGHAM HWY. CROSSING: BLACK CREEK

LOCATION: 0.74 MI. S OF SR-2 JCT.

### CLASSIFICATION -

IDENTIFICATION			
(16a,b) LATITUDE:	35.01120 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE: W	85.38877 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN MINOR A</b>
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE:	NO PARALLEL
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY
BRIDGE TYPE AND MAT	ERIAL ———	(103) TEMPORARY BRIDGE:	NOT APP

N/A

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

2
: 0
CONCRETE CAST-IN-PLACE
AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION:

### AGE AND SERVICE •

1933	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

## 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:	29.9 FT
(52) BRIDGE OUT TO OUT WIDTH:	33.5 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	36.1 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 ROADW.	AY: <b>32.0 FT</b>

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:

YES **IS ROUTE** ARTERIAL L BRIDGE TRAFFIC PLICABLE (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):	4

### DESIGN LOAD AND WEIGHT POSTING

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

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

#### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	BRIDGE REPLACEMENT
(76)	LENGTH OF BRIDG	GE IMPROVEMENT:

(94) BRIDGE IMPROVEMENT COST: \$388,000.00 (95) ROADWAY IMPROVEMENT COST: \$39,000.00

(96) TOTAL PROJECT COST: \$583,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	11/5/2018
(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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44 FT

2018

# NATIONAL BRIDGE INVENTORY



YFS

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5

2

4

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1000

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**ALL LEGAL LOADS** 

ALL LEGAL LOADS

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0580003 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR058 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: ALTON PARK BLVD. COUNTY SEQUENCE: 1 CROSSING: CSX RAILROAD LOG MILE: 3.36 LOCATION: 1.0 MI. S OF I-24 JCT. SUFFICIENCY RATING: 47.6 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.01490 DEGREES (17a,b) LONGITUDE: 85.31425 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: OTHER OR UNKNOWN AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1920 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **WEIGHT POSTED** (42b) UNDER BRIDGE: **RAILROAD APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 36.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 80.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 37.1 FT RECOMMENDED IMPROVEMENTS 48.9 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **BRIDGE REPLACEMENT** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 37.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES

NO FLARE

47.0 FT

20.01 FT

82 FT

N/A

N/A

N/A

NO RESTRICTION

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**RAILROAD BENEATH BRIDGE** 

**RAILROAD BENEATH BRIDGE** 

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108.6 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$1,017,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$102,000.00	ROADWAY IMPROVEMENT COST:	(95)

(96) TOTAL PROJECT COST: \$1,526,000.00

2019

INSPECTION DATES

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(90) DATE OF LAST REGULAR INSPECTION: 3/13/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

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(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(520) MIN VERTICAL CLEARANCE OVER RD:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(39) NAVIGATION VERTICAL CLEARANCE:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

NAVIGATION DATA



COUNTY: HAMILTON

ROUTE: SR058

LOG MILE: 3.83

BRIDGE ID NUMBER: 33SR0580005 BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: MARKET ST.

CROSSING: CHATTANOOGA CR & CSX RR

LOCATION: 0.53 MI. S OF I-24 JCT.

# SUFFICIENCY RATING: 74.5

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

IDENTIFICA	ATION			
(16a,b) LATITUDE:	N	35.02133	DEGREES	(112) MEETS NB
(17a,b) LONGITUDE:	W	85.31118	DEGREES	(104) NATIONAL
(98a) BORDER BRIDGE STATE CODE	<b>≣</b> :		N/A	(26) FUNCTION
(98b) PERCENT SHARE:			N/A	(101) PARALLEL
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE	(102) TRAFFIC D

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

8
: 0
CONCRETE CAST-IN-PLACE
AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: PREFORMED FABRIC

NONE C) TYPE PROTECTION:

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT:	1968
(106) YEAR THE BRIDGE WAS REHABILIT.	ATED: N/A
(42a) SERVICE ON BRIDGE:	HIGHWAY-PEDESTRIAN
(42b) UNDER BRIDGE:	RAILROAD-WATERWAY
(28a) NUMBER OF LANES CARRIED BY BE	RIDGE: 4
(28b) NUMBER OF LANES UNDER THE BR	RIDGE: 0

#### - GEOMETRIC DATA -

61.0 F	(48) MAXIMUM SPAN LENGTH:
414.0 F	(49) TOTAL BRIDGE LENGTH:
4.9 F	(50a) LEFT SIDEWALK WIDTH:
4.9 F	(50b) RIGHT SIDEWALK WIDTH:
54.1 F	(51) BRIDGE CURB TO CURB WIDTH:
66.6 F	(52) BRIDGE OUT TO OUT WIDTH:
65.9 F	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(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: 54 0 FT

(54a) VERT UNDERCLR: **RAILROAD BENEATH BRIDGE** 

(54b) MIN VERTICAL UNDERCLEARANCE:

(55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 8.86 FT

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA NO NAVIGATION CONTROL

N/A

(38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:

 CLASSIFICATION = BIS BRIDGE LENGTH: YES HIGHWAY SYSTEM: **NOT A NHS ROUTE** NAL CLASS: **URBAN MINOR ARTERIAL** L BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY 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 =

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

(41) WT POSTING STATUS: OPEN

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

#### RECOMMENDED IMPROVEMENTS

**BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: NEEDED)

	.,,	
(76)	LENGTH OF BRIDGE IMPROVEMENT:	414 FT
(94)	BRIDGE IMPROVEMENT COST:	\$606,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$61,000.00
(96)	TOTAL PROJECT COST:	\$910,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2019
INSPECTION DATES		

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



COUNTY: HAMILTON

ROUTE: SR058

LOG MILE: 8.15

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33SR0580021

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: HWY. 58 CROSSING: BRANCH

LOCATION: 3.59 MI. E OF SR-153 JCT.

IDENTIFICATION

## CLASSIFICATION

(16a,b) LATITUDE: Ν 35.10673 DEGREES (17a,b) LONGITUDE: 85.15193 DEGREES

(98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A

(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** 

# (112) MEETS NBIS BRIDGE LENGTH:

YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 91.3

(26) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

### 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: **NOT APPLICABLE** A) TYPE OF SURFACE: B) TYPE MEMBRANE: **NOT APPLICABLE** C) TYPE PROTECTION: **NOT APPLICABLE** 

# CONDITION RATINGS

(58) DECK: Ν (59) SUPERSTRUCTURE: Ν (60) SUBSTRUCTURE: Ν (61) STREAM CHANNEL AND CHANNEL PROTECTION: R

7

3/5/2019

24

N/A

N/A

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### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1940 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(48) MAXIMUM SPAN LENGTH:

## 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:

(41) WT POSTING STATUS: **OPEN** 

0

9.8 FT

(62) CULVERT CONDITION (IF APPLICABLE):

## GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH: 23.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 91.9 FT **NO MEDIAN** (33) BRIDGE 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: 38.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

#### RECOMMENDED IMPROVEMENTS

INSPECTION DATES

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(90) DATE OF LAST REGULAR INSPECTION:

# NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

19-Mar-20



YES

24

N/A

N/A

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**NHS ROUTE** 

BRIDGE ID NUMBER: 33SR0580023 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR058 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: HWY. 58 COUNTY SEQUENCE: 1 CROSSING: HARRISON CREEK LOG MILE: 10.39 LOCATION: 5.83 MI. E OF SR-153 JCT. SUFFICIENCY RATING: 66.4 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.12537 DEGREES (17a,b) LONGITUDE: 85.12518 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: NOT APPLICABLE

 CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: PREFORMED FABRIC C) TYPE PROTECTION: NONE

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1938
(106) YEAR THE BRIDGE WAS REHABILITATED: 1982
(42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN
(42b) UNDER BRIDGE: WATERWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 4
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0

 (48) MAXIMUM SPAN LENGTH:
 32.2 FT

 (49) TOTAL BRIDGE LENGTH:
 65.9 FT

 (50a) LEFT SIDEWALK WIDTH:
 5.9 FT

 (50b) RIGHT SIDEWALK WIDTH:
 5.9 FT

 (51) BRIDGE CURB TO CURB WIDTH:
 84 FT

 (52) BRIDGE OUT TO OUT WIDTH:
 96.1 FT

 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
 84.0 FT

(33) BRIDGE MEDIAN:
(34) BRIDGE SKEW:
(35) BRIDGE FLARE:
(520) MIN VERTICAL CLEARANCE OVER RD:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

NO MEDIAN

45 DEGREES
NO FLARE
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

PUBLICATION DATE

19-Mar-20

**URBAN PRINCIPAL ARTERIAL NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED 7 7 7 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 6 Ν 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: (41) WT POSTING STATUS: OPEN **APPRAISAL** (67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: U RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: **BRIDGE REHABILITATION** (76) LENGTH OF BRIDGE IMPROVEMENT: 65.9 FT (94) BRIDGE IMPROVEMENT COST: \$844.000.00 (95) ROADWAY IMPROVEMENT COST: \$85,000.00 (96) TOTAL PROJECT COST: \$1,267,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 3/27/2019

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33SR0580025

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: HWY. 58

CROSSING: WOLFTEVER CREEK LOCATION: IN HARRISON BAY ST.PRK. COUNTY: HAMILTON ROUTE: SR058

SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 12.32 SUFFICIENCY RATING: 98.2

# IDENTIFICATION

(16a,b) LATITUDE: Ν 35.14828 DEGREES (17a,b) LONGITUDE: 85.10937 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A

(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** 

BRIDGE TYPE AND MATERIAL

CONTINUOUS

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n

(107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1930 (106) YEAR THE BRIDGE WAS REHABILITATED: 1983 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 86.9 FT (49) TOTAL BRIDGE LENGTH: 259.8 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 42 FT 44 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT **NO MEDIAN** (33) BRIDGE 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

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** 

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE:

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

(26) FUNCTIONAL CLASS: **URBAN PRINCIPAL 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: HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

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CONDITION RATINGS

(58) DECK: 7 (59) SUPERSTRUCTURE: 6 (60) SUBSTRUCTURE: 7 (61) STREAM CHANNEL AND CHANNEL PROTECTION: R

(62) CULVERT CONDITION (IF APPLICABLE):

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: (41) WT POSTING STATUS: OPEN

**APPRAISAL** 

(67) STRUCTURAL EVALUATION:

(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING:

(71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8

(36) TRAFFIC SAFETY FEATURES: 100N (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:

N/A

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 3/18/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 08/2017 (92b) UNDERWATER INSP FREQUENCY (MONTHS): Y60 (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

0

42.0 FT



COUNTY: HAMILTON

ROUTE: SR058

LOG MILE: 12.32

BRIDGE ID NUMBER: 33SR0580026

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: HWY. 58

CROSSING: WOLFTEVER CREEK

LOCATION: IN HARRISON BAY ST. PARK

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 97.9

IDENTIFICATION ————			
(16a,b) LATITUDE:	N	35.14837	DEGREES
(17a,b) LONGITUDE:	W	85.10957	DEGREES
(98a) BORDER BRIDGE STATE CODE:			N/A
(98b) PERCENT SHARE:			N/A
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE		PPLICABLE	

# BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n

**CONCRETE PRECAST PANELS** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

#### 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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH:	86.0	FT
(49) TOTAL BRIDGE LENGTH:	258.9	FT
(50a) LEFT SIDEWALK WIDTH:	0.0	FT
(50b) RIGHT SIDEWALK WIDTH:	0.0	FT
(51) BRIDGE CURB TO CURB WIDTH:	42	FT
(52) BRIDGE OUT TO OUT WIDTH:	44	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	42.0	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:

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A

(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** 

SPECIAL CASE: 0

(26) FUNCTIONAL CLASS: **URBAN PRINCIPAL 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:	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

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

(41) WT POSTING STATUS: OPEN

**APPRAISAL** (67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 8 (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 9 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 3/18/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 08/2017 (92b) UNDERWATER INSP FREQUENCY (MONTHS): Y60 (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



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BRIDGE ID NUMBER: 33SR0580031 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR058

FIPS CODE: 00000 ROAD NAME: HWY. 58 CROSSING: BRANCH

LOCATION: 10.55 MI. FROM MEIGS CO.

#### - CLASSIFICATION -

SPECIAL CASE: 0

LOG MILE: 15.65

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 83.2

IDENTIFICAT	TION		CLASSIFICAT	ION —
(16a,b) LATITUDE:	N	35.17990 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.06857 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	RURAL ARTERIAL
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE:	NOT APPLICABLE	
	•		(440) NATIONAL TRUCK DOLLTE.	NOT ON TRUCK NETWORK

**BRIDGE IS NOT ELIGIBLE FOR THE** 

#### (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: NATIONAL REGISTER CONDITION RATINGS 3 (58) DECK: O (59) SUPERSTRUCTURE: **NOT APPLICABLE** (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** (62) CULVERT CONDITION (IF APPLICABLE): **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING **NOT APPLICABLE** (31) DESIGN LOADING: HS-20-44 AGE AND SERVICE • WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS 1938 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS 1994 (70) BRIDGE POSTING CODE: **HIGHWAY** (41) WT POSTING STATUS: OPEN **WATERWAY APPRAISAL** 5 (67) STRUCTURAL EVALUATION: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: 9.8 FT (71) WATERWAY ADEQUACY: 36.1 FT (72) APPROACH ROADWAY ALIGNMENT: 0.0 FT (36) TRAFFIC SAFETY FEATURES: ONON 0.0 FT (113) SCOUR CONDITION RATING: **UNDER FILL** RECOMMENDED IMPROVEMENTS **UNDER FILL** (75) TYPE OF WORK: **NOT APPLICABLE** 87.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: 15 DEGREES (95) ROADWAY IMPROVEMENT COST: NO FLARE (96) TOTAL PROJECT COST: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: 38.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** NOT APPLICABLE

N/A

3/7/2019	(90) DATE OF LAST REGULAR INSPECTION:
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

## (8 (9 (6 (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: B) TYPE MEMBRANE: C) TYPE PROTECTION: (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** NAVIGATION DATA = (38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20



COUNTY: HAMILTON

ROUTE: SR058

LOG MILE: 16.79

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 83.4

BRIDGE ID NUMBER: 33SR0580033 BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: HWY. 58 CROSSING: BRANCH

LOCATION: 9.41 MI. FROM MEIGS CO.

## CLASSIFICATION

 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.18920 DEGREES (17a,b) LONGITUDE: 85.05175 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR:

## 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: **NOT APPLICABLE** A) TYPE OF SURFACE: B) TYPE MEMBRANE: **NOT APPLICABLE** C) TYPE PROTECTION: **NOT APPLICABLE** 

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1938 (106) YEAR THE BRIDGE WAS REHABILITATED: 1994 **HIGHWAY** (42a) SERVICE ON BRIDGE: (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: 11.2 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 UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 71.9 FT **NO MEDIAN** (33) BRIDGE 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: 38.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** 

## (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA

**NOT A HIGHWAY OR RAILROAD** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

(38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(55a) HORZ UNDERCLR:

(55b) MIN HORZ UNDERCLR ON RIGHT:

YES **NOT A NHS ROUTE RURAL ARTERIAL NO PARALLEL BRIDGE** 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: Ν (59) SUPERSTRUCTURE: Ν (60) SUBSTRUCTURE: Ν (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:

(41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 3/6/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR058

LOG MILE: 17.05

BRIDGE ID NUMBER: 33SR0580035

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: HWY. 58

CROSSING: WOLF CREEK

LOCATION: 9.16 MI. FROM MEIGS CO.

SUFFICIENCY RATING: 83.4

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: YES Ν 35.19182 DEGREES (17a,b) LONGITUDE: 85.04877 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: Ν (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: Ν (107) TYPE OF DECK: **NOT APPLICABLE** (60) SUBSTRUCTURE: Ν (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: HS-20-44 AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1938 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1994 (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (67) STRUCTURAL EVALUATION: 6 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: Ν GEOMETRIC DATA (69) UNDERCLEARANCE RATING: Ν (48) MAXIMUM SPAN LENGTH: 9.8 FT (71) WATERWAY ADEQUACY: 8 (49) TOTAL BRIDGE LENGTH: 53.1 FT (72) APPROACH ROADWAY ALIGNMENT: 8 (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: ONON (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: 8 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL** RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 76.1 FT (76) LENGTH OF BRIDGE IMPROVEMENT: N/A **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 15 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 38.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: 3/12/2019 (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** 24 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A NAVIGATION DATA (38) NAV CONTROL: **NO NAVIGATION CONTROL** (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33SR0580037 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR058
FIPS CODE: 00000 SPECIAL CASE: 0
ROAD NAME: HWY. 58 COUNTY SEQUENCE: 1
CROSSING: SAVANNAH CREEK LOG MILE: 19.96
LOCATION: 6.23 MI. FROM MEIGS CO. SUFFICIENCY RATING: 63.2

LOCATION: 6.23 MI	FROM MEIGS CO	0.	SUFFICIENCY RATING: 63.2	
IDENTIFICATION ————				
(16a,b) LATITUDE:	N 35	5.22755 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W 85	5.02138 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT	A NHS ROUTE
(98a) BORDER BRIDGE STATE	CODE:	N/A		AL ARTERIAL
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE: NO PARA	LLEL BRIDGE
(99) BORDER BRIDGE NUMBER	₹:	NOT APPLICABLE	(102) TRAFFIC DIR: <b>2-</b> 1	WAY TRAFFIC
PRIDCE TYPE	AND MATER		(103) TEMPORARY BRIDGE: NOT	APPLICABLE
BRIDGE TYPE			(110) NATIONAL TRUCK ROUTE: NOT ON TRUC	CK NETWORK
(43a) MAIN SPAN MATERIAL: (44a) APPR SPAN MATERIAL:			(37) HISTORICAL CLASS: HISTORICAL SIGNIFICAL NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS:		4	CONDITION RATINGS	
(46) NUMBER OF APPROACH S		0	(58) DECK:	N
(107) TYPE OF DECK:		TE CAST-IN-PLACE	(59) SUPERSTRUCTURE:	N
(108) TYPE OF WEARING SURF			(60) SUBSTRUCTURE:	N
A) TYPE OF SURFACE:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION	: 7
B) TYPE MEMBRANE:		NONE	(62) CULVERT CONDITION (IF APPLICABLE):	7
C) TYPE PROTECTION:		NONE	DESIGN LOAD AND WEIGHT POSTII	NG ——
AGE AN	ID SERVICE -		(31) DESIGN LOADING:	H-15-44
(27) YEAR THE BRIDGE WAS I		1938	WEIGHT POSTING (2 AXLE VEHICLES): ALL L	EGAL LOADS
(106) YEAR THE BRIDGE WAS I			WEIGHT POSTING (3 OR MORE AXLES): ALL L	EGAL LOADS
(42a) SERVICE ON BRIDGE:	CHABILITATED.	HIGHWAY	(70) BRIDGE POSTING CODE:	5
(42b) UNDER BRIDGE:		WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(28a) NUMBER OF LANES CAR	RIED BY BRIDGE		APPRAISAL -	
(28b) NUMBER OF LANES UND			(67) STRUCTURAL EVALUATION:	6
GEOME			(68) DECK GEOMETRY:	4
(48) MAXIMUM SPAN LENGTH:	57	9.8 FT	(69) UNDERCLEARANCE RATING:	N
(49) TOTAL BRIDGE LENGTH:		53.1 FT	(71) WATERWAY ADEQUACY:	8
(50a) LEFT SIDEWALK WIDTH:		0.0 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
(50b) RIGHT SIDEWALK WIDTH	:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	0N11
(51) BRIDGE CURB TO CURB W		28.2 FT	(113) SCOUR CONDITION RATING:	8
(52) BRIDGE OUT TO OUT WID	ГН:	31.5 FT	RECOMMENDED IMPROVEMENTS	s ——
(32) APPROACH ROADWAY (W.	SHLDS) WIDTH:	27.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DEC NEEDED)	K REPAIRS
(33) BRIDGE MEDIAN:		NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	53.1 FT
(34) BRIDGE SKEW:		15 DEGREES	(94) BRIDGE IMPROVEMENT COST:	\$141,000.00
(35) BRIDGE FLARE:		NO FLARE	(95) ROADWAY IMPROVEMENT COST:	\$15,000.00
(520) MIN VERTICAL CLEARAN	CE OVER RD:	NO RESTRICTION	(96) TOTAL PROJECT COST:	\$212,000.00
(47) MIN HORIZONTAL CLEARA	NCE ON ROADW	'AY: <b>28.0 FT</b>	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2019
(54a) VERT UNDERCLR:	NOT A HIGHW	VAY OR RAILROAD	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCL		NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION:	3/12/2019
(55a) HORZ UNDERCLR:		VAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	
(55b) MIN HORZ UNDERCLR ON		NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(56) MIN HORZ UNDERCLR ON		NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
NAVIGA			(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(38) NAV CONTROL:	NO NAVI	GATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS):	N

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



2019

NOT ON TRUCK NETWORK

HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

BRIDGE ID NUMBER: 33SR0580039

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: HWY. 58 CROSSING: BRANCH

LOCATION: 3.84 MI.FROM MEIGS CO.

COUNTY: HAMILTON

ROUTE: SR058

SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 22.35 SUFFICIENCY RATING: 63.2

IDENTIFICATION ————	CLASSIFICATION
IDENTIFICATION	CLAGGIFICATION

(16a,b) LATITUDE:	N	35.25623 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	84.99778 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	RURAL ARTERIAL
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
PRIDGE TYPE AND A	TI		(103) TEMPORARY BRIDGE:	NOT APPLICABLE

n

#### 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 SPAN	IS: 0
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE	AND DECK PROTECTION:
A) T)/DE OF OUDEACE	AODUALT

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION:

AGE AND SERVICE			
1938	(27) YEAR THE BRIDGE WAS BUILT:		
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:		
HIGHWAY	(42a) SERVICE ON BRIDGE:		
WATERWAY	(42b) UNDER BRIDGE:		
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:		

(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH:	7.9	FT
(49) TOTAL BRIDGE LENGTH:	26.9	FT
(50a) LEFT SIDEWALK WIDTH:	0.0	FT
(50b) RIGHT SIDEWALK WIDTH:	0.0	FT
(51) BRIDGE CURB TO CURB WIDTH:	29.9	FT
(52) BRIDGE OUT TO OUT WIDTH:	47.9	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	34.1	FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 45 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 30.0 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 CONDITION RATINGS

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

### 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:

(41) WT POSTING STATUS: OPEN

(110) NATIONAL TRUCK ROUTE:

(37) HISTORICAL CLASS:

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 4 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N11 (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** NEEDED)

(76) LENGTH OF BRIDGE IMPROVEMENT: 26.9 FT (94) BRIDGE IMPROVEMENT COST: \$1,000.00 (95) ROADWAY IMPROVEMENT COST: \$1,000.00 (96) TOTAL PROJECT COST: \$2,000.00

INSPECTION DATES

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(90) DATE OF LAST REGULAR INSPECTION: 3/6/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR058

LOG MILE: 25.44

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33SR0580041

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000 ROAD NAME: HWY. 58 CROSSING: BRANCH

LOCATION: 0.75 MI. FROM MEIGS CO.

SUFFICIENCY RATING: 84.0 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: YES Ν 35.29282 DEGREES (17a,b) LONGITUDE: w 84.96632 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: Ν (46) NUMBER OF APPROACH SPANS: 0 (59) SUPERSTRUCTURE: Ν CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (60) SUBSTRUCTURE: Ν (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: H-15-44 - AGE AND SERVICE ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1938 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: 6 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: 4 GEOMETRIC DATA (69) UNDERCLEARANCE RATING: N (48) MAXIMUM SPAN LENGTH: 9.8 FT (71) WATERWAY ADEQUACY: 7 (49) TOTAL BRIDGE LENGTH: 33.1 FT (72) APPROACH ROADWAY ALIGNMENT: 8 0.0 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES: 0N11 (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: 8 (51) BRIDGE CURB TO CURB WIDTH: 31.8 FT RECOMMENDED IMPROVEMENTS 34.4 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9 FT NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 33.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: \$78,000.00 (34) BRIDGE SKEW: **45 DEGREES** (95) ROADWAY IMPROVEMENT COST: \$8,000.00 (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: \$118,000.00 **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 30.8 FT INSPECTION DATES (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: (90) DATE OF LAST REGULAR INSPECTION: 3/6/2019 **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (55b) MIN HORZ UNDERCLR ON RIGHT: (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **NOT APPLICABLE** N/A (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A **NAVIGATION DATA** 

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

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Ν

(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33\$R0580043

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: HWY. 58

CROSSING: BRANCH

LOCATION: 0.59 MI. FROM MEIGS CO.

COUNTY: HAMILTON

ROUTE: \$R058

ROUTE: \$R058

COUNTY SEQUENCE: 1

LOG MILE: 25.60

SUFFICIENCY RATING: 66.8

ECOATION. 0.03 MILTION MEICO CO.	CONTROL NATING. CO.
IDENTIFICATION ————	
(16a,b) LATITUDE: N 35.29497 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.96462 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
	(103) TEMPORARY BRIDGE: NOT APPLICABLE
BRIDGE TYPE AND MATERIAL	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 4	———— CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>N</b>
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: N
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: N
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): 6
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: H-15-44
(27) YEAR THE BRIDGE WAS BUILT: 1938	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BEHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 9.8 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 67.9 FT	(71) WATERWAY ADEQUACY: 7
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: <b>ON11</b>
(51) BRIDGE CURB TO CURB WIDTH: 28.2 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 33.5 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 34.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 67.9 FT
(34) BRIDGE SKEW: 45 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$148,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$15,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: <b>\$223,000.00</b>
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 3/11/2019
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NO NAVIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS): N
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO
	ENUDUCED FURSUANT TU

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



YES

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8

N/A

3/11/2019

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N/A

N/A

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HL-93

**NHS ROUTE** 

BRIDGE ID NUMBER: 33SR0600001 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR060 FIPS CODE: 00000 SPECIAL CASE: 0 **ROAD NAME: STATE HWY. 60** COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 0.44 LOCATION: NEAR BIRCHWOOD SUFFICIENCY RATING: 84.7 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.30410 DEGREES (17a,b) LONGITUDE: w 84.96350 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL EXPRESSWAY** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **NOT APPLICABLE** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 2012 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: #Error (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN WATERWAY** (42b) UNDER BRIDGE: **APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 15.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 41.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 24.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA (38) NAV CONTROL: **NO NAVIGATION CONTROL** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

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N/A

2/21/2019

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N/A

N/A

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HS-20-44

**NHS ROUTE** 

BRIDGE ID NUMBER: 33SR0290095 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR111 FIPS CODE: 69560 SPECIAL CASE: 0 **ROAD NAME: STATE HWY. 111** COUNTY SEQUENCE: 1 CROSSING: SR 29 LOG MILE: 0.02 LOCATION: SR-111 / SR-29 JCT. SUFFICIENCY RATING: 85.5 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.29980 DEGREES (17a,b) LONGITUDE: 85.15030 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN FREEWAY** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1991 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 1 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 8 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 120.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 306.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 29.9 FT RECOMMENDED IMPROVEMENTS 32.2 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 25 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 81.7 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.67 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 5.91 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 4.27 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS): (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 33SR0290097

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560

ROAD NAME: STATE HWY. 111 CROSSING: SR 29 SBL LOCATION: SR-111 / SR-29 JCT.

COUNTY: HAMILTON ROUTE: SR111 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.15

SUFFICIENCY RATING: 76.4

#### IDENTIFICATION (16a,b) LATITUDE: N 35.30157 DEGREES (17a,b) LONGITUDE: 85.15073 DEGREES (98a) BORDER 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

H SPANS: 0	(46) NUMBER OF APPROACI
CONCRETE CAST-IN-PLACE	(107) TYPE OF DECK:
RFACE AND DECK PROTECTION:	(108) TYPE OF WEARING SU
MONOLITHIC CONCRETE	A) TYPE OF SURFACE:
NONE	B) TYPE MEMBRANE:
<b>EPOXY COATED REINFORCING</b>	C) TYPE PROTECTION:

AGE AND SERVICE			
(27) YEAR THE BRIDGE WAS BUILT:	1991		
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A		
(42a) SERVICE ON BRIDGE:	HIGHWAY		
(42b) UNDER BRIDGE:	HIGHWAY		
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	4		
(28b) NUMBER OF LANES UNDER THE BRIDGE:	2		
GEOMETRIC DATA			

(48) MAXIMUM SPAN LENGTH:	143.0 F	T
(49) TOTAL BRIDGE LENGTH:	253.0 F	Т
(50a) LEFT SIDEWALK WIDTH:	0.0 F	Т
(50b) RIGHT SIDEWALK WIDTH:	0.0 F	Т
(51) BRIDGE CURB TO CURB WII	DTH: <b>84 F</b>	Т
(52) BRIDGE OUT TO OUT WIDTH	H: <b>87.9 F</b>	Т
(32) APPROACH ROADWAY (W/	SHLDS) WIDTH: 84.0 FT	Т
(33) BRIDGE MEDIAN:	CLOSED MEDIAN - WITH BARRIEF	R
(34) BRIDGE SKEW:	45 DEGREES	S
(35) BRIDGE FLARE:	NO FLARE	Ε
(520) MIN VERTICAL CLEARANC	E OVER RD: NO RESTRICTION	N
(47) MIN HORIZONTAL CLEARAN	ICE ON ROADWAY: 42.0 F	T
(54a) VERT UNDERCLR:	HIGHWAY BENEATH BRIDGE	Ε
(54b) MIN VERTICAL UNDERCLE	ARANCE: 16.99 F	T
(55a) HORZ UNDERCLR:	HIGHWAY BENEATH BRIDGE	Ε
(55b) MIN HORZ UNDERCLR ON	RIGHT: 5.91 F	Т
(56) MIN HORZ UNDERCLR ON	LEFT: <b>22.64 F</b>	Т

00)	WINT HOLKE ON DELICOEN ON	LL: 1.
	NAVICAT	CION DATA -
	NAVIGA	TION DATA —
38)	NAV CONTROL:	NO NAVIGA

ATION CONTROL (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

CLASSIFICATION —				
(112) MEETS NBIS BRIDGE LENGTH:	YES			
(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE			
(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>			
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE			
(102) TRAFFIC DIR:	2-WAY TRAFFIC			
(103) TEMPORARY BRIDGE:	NOT APPLICABLE			
(110) NATIONAL TRUCK ROUTE: NO	T ON TRUCK NETWORK			
(37) HISTORICAL CLASS: BRIDGE IS NO				
NATIONAL REGISTER				
CONDITION RATINGS				

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

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

———— APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	4
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1000
(113) SCOUR CONDITION RATING:	N

RECOMMENDED IMPROVEMENTS				
(75)	TYPE OF WORK: BRIDGE REHABILITATION			
(76)	LENGTH OF BRIDGE IMPROVEMENT:	253 FT		
(94)	BRIDGE IMPROVEMENT COST:	\$3,630,000.00		
(95)	ROADWAY IMPROVEMENT COST:	\$364,000.00		
(96)	TOTAL PROJECT COST:	\$5,446,000.00		
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2019		
	INSPECTION DATES —————			

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



BRIDGE ID NUMBER: 33SR1110003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560

**ROAD NAME: STATE HWY. 111** 

CROSSING: NFA 2219-BLACK VALLEY RD LOCATION: 0.88 MI. W OF SR-29 JCT.

COUNTY: HAMILTON

ROUTE: SR111

SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.88 SUFFICIENCY RATING: 83.3

#### - IDENTIFICATION CLASSIFICATION =

(E0) DECK

(16a,b) LATITUDE:	N	35.30457	DEGREES
(17a,b) LONGITUDE:	W	85.16238	DEGREES
(98a) BORDER BRIDGE STATE CODE:			N/A
(98b) PERCENT SHARE:			N/A
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE

# 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: (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

#### AGE AND SERVICE

1992	YEAR THE BRIDGE WAS BUILT:	(2
N/A	6) YEAR THE BRIDGE WAS REHABILITATED:	(1
HIGHWAY	a) SERVICE ON BRIDGE:	(4
HIGHWAY	) UNDER BRIDGE:	(4
6	a) NUMBER OF LANES CARRIED BY BRIDGE:	(2
2	) NUMBER OF LANES UNDER THE BRIDGE.	(2

#### - GEOMETRIC DATA -

104.0 FT	LENGTH:	(48) MAXIMUM SPAN LEN
227.0 FT	ENGTH:	(49) TOTAL BRIDGE LENG
0.0 FT	WIDTH:	(50a) LEFT SIDEWALK WI
0.0 FT	K WIDTH:	(50b) RIGHT SIDEWALK W
98.1 FT	CURB WIDTH:	(51) BRIDGE CURB TO CU
104 FT	OUT WIDTH:	(52) BRIDGE OUT TO OUT
50.9 FT	DWAY (W/ SHLDS) WIDTH:	(32) APPROACH ROADWA
WITH DARRIED	OLOGED MEDIAN	(00) DDIDOE MEDIANI

(33) BRIDGE MEDIAN: **CLOSED MEDIAN - WITH BARRIER** (34) BRIDGE SKEW: 11 DEGREES

(35) BRIDGE FLARE: YES. FLARED

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 87.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 19.49 FT

**HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 20.01 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

**PUBLICATION DATE** 19-Mar-20

(55a) HORZ UNDERCLR:

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

**NOT BEEN DETERMINED** 

# CONDITION RATINGS

(56) DECK.	- 1
(59) SUPERSTRUCTURE:	7
(60) SUBSTRUCTURE:	7
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

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ALLINAISAE	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	9
(69) UNDERCLEARANCE RATING:	9
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	100N
(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:	2/13/2019
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N



YES

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2/13/2019

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100N

HS-20-44

**NHS ROUTE** 

COUNTY: HAMILTON

ROUTE: SR111

BRIDGE ID NUMBER: 33SR1110005

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 69560

**ROAD NAME: STATE HWY. 111** CROSSING: SOUTHERN RAILWAY LOCATION: 0.97 MI. W OF SR-29 JCT.

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.97 SUFFICIENCY RATING: 83.3

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.30552 DEGREES (17a,b) LONGITUDE: 85.16355 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE CONTINUOUS NATIONAL REGISTER (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1992 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **RAILROAD APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 6 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 86.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 234.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 98.1 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 104 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 50.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 31 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 51.0 FT INSPECTION DATES **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 25.56 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: 22 64 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): **NOT APPLICABLE** (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 33SR1110009 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR111
FIPS CODE: 00000 SPECIAL CASE: 0
ROAD NAME: STATE HWY. 111 COUNTY SEQUENCE: 1
CROSSING: BOARD CAMP CREEK LOG MILE: 5.76
LOCATION: 1.6 MI E OF SEQUAT. CO LN SUFFICIENCY RATING: 99.5

ECONTION. II. IIII E OI GERGATI GO EN	CONTROLENCY TO THING. CO.C.
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.33930 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.20428 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL EXPRESSWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(AE) NILIMPED OF MAIN CDANC.	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N
(46) NUMBER OF APPROACH SPANS: 0 (107) TYPE OF DECK: NOT APPLICABLE	(59) SUPERSTRUCTURE:
(108) TYPE OF BECK.  (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: N
A) TYPE OF SURFACE: NOT APPLICABLE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8
B) TYPE MEMBRANE: NOT APPLICABLE	(62) CULVERT CONDITION (IF APPLICABLE): 6
C) TYPE PROTECTION: NOT APPLICABLE	— DESIGN LOAD AND WEIGHT POSTING —
	(31) DESIGN LOADING: HS-20-44
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1993	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: OPEN
	(··/, ··· · · · · · · · · · · · · · · · ·
(42b) UNDER BRIDGE: WATERWAY	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  2	APPRAISAL (67) STRUCTURAL EVALUATION: 6
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 9.8 FT	APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 9.8 FT (49) TOTAL BRIDGE LENGTH: 22.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  N  (69) UNDERCLEARANCE RATING:  N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH:	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL	APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  N  (69) UNDERCLEARANCE RATING:  N  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  8  (36) TRAFFIC SAFETY FEATURES:  NNON
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (113) SCOUR CONDITION RATING: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 47.9 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  2 0  9.8 FT  22.0 FT  0.0 FT  UNDER FILL UNDER FILL UNDER FILL VNDER FILL VNDER FILL	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW:  0  0  0  0  0  0  0  0  0  0  0  0  0	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  NO FLARE	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  NO RESTRICTION	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (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:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  NO RESTRICTION	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (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:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 46.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (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:
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: UNDER FILL (52) BRIDGE OUT TO OUT WIDTH: UNDER FILL (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (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: 46.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (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
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (54c) NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: (57d) MIN VERTICAL UNDERCLEARANCE: (54d) MIN VERT	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 2/13/2019
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (NOT A HIGHWAY OR RAILROAD	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 2/13/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLE: (54a) VERT UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNON (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: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

# NATIONAL BRIDGE INVENTORY



TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR1480001 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR148 FIPS CODE: 43640 SPECIAL CASE: 0 ROAD NAME: LOOKOUT MTN. SCENIC HWY. COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 1.00 LOCATION: 1.02 MI FROM GA. STATE LN SUFFICIENCY RATING: 87.7 IDENTIFICATION **CLASSIFICATION** -(16a,b) LATITUDE: N 34.99437 DEGREES (17a,b) LONGITUDE: 85.35108 DEGREES (98a) BORDER 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: **CONCRETE PRECAST PANELS** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: 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 REHABILIT.	ATED: N/A
(42a) SERVICE ON BRIDGE:	HIGHWAY-PEDESTRIAN
(42b) UNDER BRIDGE:	WATERWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	
(28b) NUMBER OF LANES UNDER THE BR	IDGE: 0
GEOMETRIC DATA	

56.8 FT	(48) MAXIMUM SPAN LENGTH:
285.1 FT	(49) TOTAL BRIDGE LENGTH:
3.9 FT	(50a) LEFT SIDEWALK WIDTH:
3.9 FT	(50b) RIGHT SIDEWALK WIDTH:
27.9 FT	(51) BRIDGE CURB TO CURB WIDTH:
38.1 FT	(52) BRIDGE OUT TO OUT WIDTH:
24.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>28.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW

KESTRICTION	ARANCE OVER RD. NO	320) WIIN VERTICAL CLEAR	(520)
28.0 FT	LEARANCE ON ROADWAY:	47) MIN HORIZONTAL CLEA	(47) I
OR RAILROAD	NOT A HIGHWAY	54a) VERT UNDERCLR:	(54a)
APPLICABLE	DERCLEARANCE: NO	54b) MIN VERTICAL UNDER	(54b)
OR RAILROAD	<b>NOT A HIGHWAY</b>	55a) HORZ UNDERCLR:	(55a)
APPLICABLE	CLR ON RIGHT: NO	55b) MIN HORZ UNDERCLR	(55b)
APPLICABLE	CLR ON LEFT: NO	56) MIN HORZ UNDERCLR	(56)

#### - NAVIGATION DATA -

(38)	NAV CONTROL:	NO NAVIGATION CONTROL
(39)	NAVIGATION VERTICAL CLEARA	NCE: N/A
(116)	LIFT BRIDGE VERT CLEARANCE	: N/A
(40)	NAVIGATION HORZ CLEARANCE	:: <b>N/A</b>

**PUBLICATION DATE** 19-Mar-20

	OLASSII IOATION	
	(112) MEETS NBIS BRIDGE LENGTH:	YES
	(104) NATIONAL HIGHWAY SYSTEM: NOT A	NHS ROUTE
	(26) FUNCTIONAL CLASS: URBAN MINO	R ARTERIAL
	(101) PARALLEL BRIDGE: NO PARALI	EL BRIDGE
	(102) TRAFFIC DIR: 2-W	AY TRAFFIC
_	(103) TEMPORARY BRIDGE: NOT A	PPLICABLE
	(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	G ——
	(31) DESIGN LOADING:	HS-20-44
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LE	GAL LOADS
	WEIGHT POSTING (3 OR MORE AXLES): ALL LE	GAL 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:	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:	11/6/2018
	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N

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N/A

Ν

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 33SR1480003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: LOOKOUT MTN. SCENIC HWY.

CROSSING: INCLINE TRAM

LOCATION: 1.5 MI. S OF SR-2 JCT.

COUNTY: HAMILTON

SR148

ROUTE: SR148

COUNTY SEQUENCE: 1

LOG MILE: 2.47

SUFFICIENCY RATING: 74.8

EGO/MIGN. HOMILO OF GREEGH	CONTROLLION TO THE CONTROL
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.00750 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.33780 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(Ha) / I I K OI / I K I I K I K I K I K I K I K I K I	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 1	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1970	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: OTHER	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 32.2 FT	(69) UNDERCLEARANCE RATING:
(49) TOTAL BRIDGE LENGTH: 33.1 FT	(71) WATERWAY ADEQUACY:
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 6
(50b) RIGHT SIDEWALK WIDTH: 4.6 FT	(36) TRAFFIC SAFETY FEATURES: 0000
(51) BRIDGE CURB TO CURB WIDTH: 28.5 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 30.8 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 33.1 FT
(34) BRIDGE SKEW: 10 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$136,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$14,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$205,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.5 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(54a) VERT UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	———— INSPECTION DATES —————
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 11/6/2018
(55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: <b>NOT APPLICABLE</b>	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR153

LOG MILE: 0.11

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33100750081

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

**ROAD NAME: STATE HWY. 153** 

CROSSING: SR153 / I75 SB EXIT RAMP

CRUSSING: SK153/1/5 SB EXIT RAMP	LOG MILE: <b>0.11</b>
LOCATION: I-75 JCT.	SUFFICIENCY RATING: 85.0
IDENTIFICATION	
(16a,b) LATITUDE: N 35.02470 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.17450 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>STEEL CONTINUOUS</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(45) NUMBER OF MAIN SPANS: 3	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:  (46) NUMBER OF APPROACH SPANS:  0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: EPOXY COATED REINFORCING	—— DESIGN LOAD AND WEIGHT POSTING ———
	(31) DESIGN LOADING: HS-20-44
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 2000	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: HIGHWAY	APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	(67) STRUCTURAL EVALUATION: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE: 1	(68) DECK GEOMETRY:
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING: 6
(48) MAXIMUM SPAN LENGTH: 169.9 FT	(71) WATERWAY ADEQUACY:
(49) TOTAL BRIDGE LENGTH: 367.5 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1111
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: N
(51) BRIDGE CURB TO CURB WIDTH: 53.5 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 62.7 FT	(75) TYPE OF WORK: <b>NOT APPLICABLE</b>
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: YES, FLARED	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 53.5 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 17.42 FT	(90) DATE OF LAST REGULAR INSPECTION: 7/9/2018
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 7.87 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 5.91 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(20) NAV CONTROL	(00a) SPECIAL INCR. ERECUENCY (MONTHS).

NOT APPLICABLE

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

# NATIONAL BRIDGE INVENTORY



YES

7

7

7

Ν

Ν

**NHS ROUTE** 

**URBAN FREEWAY** 

1-WAY TRAFFIC

**NOT APPLICABLE** 

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33100750039 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR153 SPECIAL CASE: 0 FIPS CODE: 14000 **ROAD NAME: STATE HWY. 153** COUNTY SEQUENCE: 1 CROSSING: I-75 & RAMP NM LOG MILE: 0.24 LOCATION: I-75 JCT. SUFFICIENCY RATING: 84.0 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.02823 DEGREES (17a,b) LONGITUDE: 85.17125 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL CONTINUOUS (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING:

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:	HIGHWAY	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	2	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	7	
GEOMETRIC DATA		
(48) MAXIMUM SPAN I FNGTH:	180 1 FT	

180.1 FT	(48) MAXIMUM SPAN LENGTH:
521.7 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
44 FT	(51) BRIDGE CURB TO CURB WIDTH:
45.9 FT	(52) BRIDGE OUT TO OUT WIDTH:
44.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
YES, FLARED	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
'AY: <b>44.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: HIGHWAY
19.19 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
BENEATH BRIDGE	(55a) HORZ UNDERCLR: <b>HIGHWAY</b>
12.14 FT	(55b) MIN HORZ UNDERCLR ON RIGHT:

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

(40) NAVIGATION HORZ CLEARANCE:

DESIGN LOAD AND WEIGHT POSTING

HS-20-44 ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 5 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

4.92 FT

N/A

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 7/9/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

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(56) MIN HORZ UNDERCLR ON LEFT:



COUNTY: HAMILTON

ROUTE: SR153

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33SR1530004

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

**ROAD NAME: STATE HWY. 153** 

CROSSING: HICKORY VALLEY ROAD

LOG MILE: 0.45 LOCATION: 0.44 MI. N OF I-75 JCT. SUFFICIENCY RATING: 93.1

IDENTIFICATION ————	
(16a,b) LATITUDE: N 35.02783 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.17615 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 3	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>7</b> (59) SUPERSTRUCTURE: <b>6</b>
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: NONE	DESIGN LOAD AND WEIGHT POSTING
C) TYPE PROTECTION: EPOXY COATED REINFORCING	(31) DESIGN LOADING: HS-20-44
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1959	WEIGHT POSTING (2 AXLE VEHICLES):  WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 2001	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: HIGHWAY	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 4	(67) STRUCTURAL EVALUATION: 6
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(68) DECK GEOMETRY:
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING: 6
(48) MAXIMUM SPAN LENGTH: 54.1 FT	(71) WATERWAY ADEQUACY:
(49) TOTAL BRIDGE LENGTH: 124.0 FT	(72) APPROACH ROADWAY ALIGNMENT:
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 111N
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 76.1 FT	RECOMMENDED IMPROVEMENTS —
(52) BRIDGE OUT TO OUT WIDTH: 78.1 FT	(75) TYPE OF WORK: NOT APPLICABLE
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 76.1 FT (33) BRIDGE MEDIAN: OPEN MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
	(94) BRIDGE IMPROVEMENT COST:
(34) BRIDGE SKEW: 8 DEGREES (35) BRIDGE FLARE: YES, FLARED	(95) ROADWAY IMPROVEMENT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 50.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES -
(54b) MIN VERTICAL UNDERCLEARANCE: 14.6 FT	(90) DATE OF LAST REGULAR INSPECTION: 3/4/2019
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 13.45 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR153

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33SR1530003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

**ROAD NAME: STATE HWY. 153** 

CROSSING: HICKORY VALLEY ROAD

LOG MILE: 0.45 LOCATION: 0.44 MI. N OF I-75 JCT. SUFFICIENCY RATING: 95.3

#### - IDENTIFICATION CLASSIFICATION

(16a,b) LATITUDE:	N	35.02860	DEGREES
(17a,b) LONGITUDE:	W	85.17562	DEGREES
(98a) BORDER BRIDGE STATE CODE:			N/A
(98b) PERCENT SHARE:			N/A
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE

#### 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: n (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

#### AGE AND SERVICE =

(27) YEAR THE BRIDGE WAS BUILT: 1959 (106) YEAR THE BRIDGE WAS REHABILITATED: 2001 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (28b) NUMBER OF LANES UNDER THE BRIDGE: 2

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 53.1 FT (49) TOTAL BRIDGE LENGTH: 126.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 70.9 FT (52) BRIDGE OUT TO OUT WIDTH: 73.5 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 70.9 FT (33) BRIDGE MEDIAN: **OPEN MEDIAN** (34) BRIDGE SKEW: 8 DEGREES (35) BRIDGE FLARE: YES. FLARED

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 71.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 14.44 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 13.45 FT

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA = **NOT APPLICABLE**

(38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN FREEWAY** (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED

#### CONDITION RATINGS

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

#### 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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 5 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1110 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

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



NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR1530009 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR153 FIPS CODE: 14000 SPECIAL CASE: 0 **ROAD NAME: STATE HWY. 153** COUNTY SEQUENCE: 1 CROSSING: FRIAR BRANCH LOG MILE: 2.13 LOCATION: 1.2 MI. N OF SR-2 JCT. SUFFICIENCY RATING: 96.6 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: N 35.04885 DEGREES (17a,b) LONGITUDE: 85.18860 DEGREES (98a) BORDER 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: (46) NUMBER OF APPROACH SPANS: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE **EPOXY COATED REINFORCING** C) TYPE PROTECTION: AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: 2004 (42a) SERVICE ON BRIDGE: **HIGHWAY WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 8 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 ■ GEOMETRIC DATA •

**NOT APPLICABLE** 

**NOT APPLICABLE** 

(48) MAXIMUM SPAN LENGTH: 28.9 FT

(49) TOTAL BRIDGE LENGTH: 113.8 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 122 FT (52) BRIDGE OUT TO OUT WIDTH: 124 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 122.0 FT (33) BRIDGE MEDIAN: **CLOSED MEDIAN - WITH BARRIER** (34) BRIDGE SKEW: 30 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA =

(55b) MIN HORZ UNDERCLR ON RIGHT:

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

;	(112) MEETS NBIS BRIDGE LENGTH:	YES
;	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>
	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
	(102) TRAFFIC DIR:	2-WAY TRAFFIC
_	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK
	(37) HISTORICAL CLASS: HISTORICAL S	SIGNIFICANCE HAS ETERMINED
	CONDITION RATING	gs <del></del>
)	(58) DECK:	7
	(59) SUPERSTRUCTURE:	7
	(60) SUBSTRUCTURE:	7
	(61) STREAM CHANNEL AND CHANNEL PR	OTECTION: 7
	(62) CULVERT CONDITION (IF APPLICABLE	): <b>N</b>
i	DESIGN LOAD AND WEIGH	T 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	
,	(67) STRUCTURAL EVALUATION:	7
	(68) DECK GEOMETRY:	9
	(69) UNDERCLEARANCE RATING:	N
	(71) WATERWAY ADEQUACY:	9
	(72) APPROACH ROADWAY ALIGNMENT:	8
	(36) TRAFFIC SAFETY FEATURES:	110N
	(113) SCOUR CONDITION RATING:	8
	RECOMMENDED IMPROV	/EMENTS ———
	(75) TYPE OF WORK: NOT APPLICABLE	1
,	(76) LENGTH OF BRIDGE IMPROVEMENT:	N/A
	(94) BRIDGE IMPROVEMENT COST:	
,	(95) ROADWAY IMPROVEMENT COST:	
I	(96) TOTAL PROJECT COST:	
	(97) YEAR OF IMPROVEMENT COST ESTII	MATE:
)	INSPECTION DATE	s ———
	(90) DATE OF LAST REGULAR INSPECTION	
)	(91) REGULAR INSPECTION FREQUENCY (	
	(93b) DATE OF LAST UNDERWATER INSP (	,
	(92b) UNDERWATER INSP FREQUENCY (M	·
	, ,	,

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

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N/A

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BRIDGE ID NUMBER: 33SR1530017 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR153 FIPS CODE: **14000** SPECIAL CASE: 0

**ROAD NAME: STATE HWY. 153** 

CROSSING: SOU RWY & CSX RR

LOCATION: 0.42 MI. S OF SR-317 JCT.

IDENTIFICATION

#### CLASSIFICATION =

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 90.5

LOG MILE: 3.59

			0	
(16a,b) LATITUDE:	N	35.06943 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.19627 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND N	IAT	ERIAL ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

(58) DECK:

(59) SUPERSTRUCTURE: (60) SUBSTRUCTURE:

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

C) TYPE PROTECTION:

(45) NUMBER OF MAIN SPANS:	4
(46) NUMBER OF APPROACH SPANS	S: 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

#### AGE AND SERVICE

**EPOXY COATED REINFORCING** 

1962	7) YEAR THE BRIDGE WAS BUILT:	(27
2004	06) YEAR THE BRIDGE WAS REHABILITATED:	(10
HIGHWAY	2a) SERVICE ON BRIDGE:	(42
RAILROAD	2b) UNDER BRIDGE:	(42
8	8a) NUMBER OF LANES CARRIED BY BRIDGE:	(28
0	8b) NUMBER OF LANES UNDER THE BRIDGE:	(28

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH:	98.1 FT
` '	90.1 FI
(49) TOTAL BRIDGE LENGTH:	312.0 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	120.1 FT
(52) BRIDGE OUT TO OUT WIDTH:	126 FT
(32) APPROACH ROADWAY (W/ SHLDS) WII	DTH: <b>126.0 FT</b>
(33) BRIDGE MEDIAN: CLOSED M	EDIAN - WITH BARRIER
(34) BRIDGE SKEW:	15 DEGREES
(35) BRIDGE FLARE:	NO FLARE
(520) MIN VERTICAL CLEARANCE OVER RE	NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON RO	ADWAY: <b>60.0 FT</b>
(54a) VERT UNDERCLR: RAILRO	OAD BENEATH BRIDGE

(55a) HORZ UNDERCLR:	RAILROAD BENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIG	GHT: <b>11.15 FT</b>
(56) MIN HORZ UNDERCLR ON LE	FT: <b>NOT APPLICABLE</b>

(54b) MIN VERTICAL UNDERCLEARANCE:

#### NAVIGATION DATA =

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

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

(112) MEETS NBIS BRIDGE L	LENGTH: YES			
(104) NATIONAL HIGHWAY S	SYSTEM: NHS ROUTE			
(26) FUNCTIONAL CLASS:	URBAN FREEWAY			
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE			
(102) TRAFFIC DIR:	2-WAY TRAFFIC			
(103) TEMPORARY BRIDGE:	NOT APPLICABLE			
(110) NATIONAL TRUCK ROL	JTE: ON TRUCK NETWORK			
(37) HISTORICAL CLASS:	HISTORICAL SIGNIFICANCE HAS			
NOT BEEN DETERMINED				
——— CONDITION RATINGS				

#### (62) CULVERT CONDITION (IF APPLICABLE): DESIGN LOAD AND WEIGHT POSTING =

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(61) STREAM CHANNEL AND CHANNEL PROTECTION:

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

#### APPRAISAL

ALLICAIGAE	
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	7
(69) UNDERCLEARANCE RATING:	5
(71) WATERWAY ADEQUACY:	N
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	111N
(113) SCOUR CONDITION RATING:	N

#### RECOMMENDED IMPROVEMENTS

- (94) BRIDGE IMPROVEMENT COST:
- (95) ROADWAY IMPROVEMENT COST:
- (96) TOTAL PROJECT COST:
- (97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	4/23/2019
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N



YES

5

6

6

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6

9

3

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8

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N/A

4/17/2019

24

N/A

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HS-20-44

**NHS ROUTE** 

BRIDGE ID NUMBER: 33SR0022019 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR153 FIPS CODE: 14000 SPECIAL CASE: 0 **ROAD NAME: STATE HWY. 153** COUNTY SEQUENCE: 1 CROSSING: SR 317 LOG MILE: 4.01 LOCATION: SR-153 / SR-317 JCT. SUFFICIENCY RATING: 91.6 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.07483 DEGREES (17a,b) LONGITUDE: 85.19858 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN FREEWAY** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1961 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 2003 (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 5 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 79.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 252.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 124 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 126 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 124.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - WITH BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: **42 DEGREES** (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: NO FLARE (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 61.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 14.93 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 1.97 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 11.48 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NOT APPLICABLE** (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33\$R0580017

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: STATE HWY. 153

CROSSING: \$R 58

LOCATION: \$R153 & \$R58 JCT.

IDENTIFICATION

16a,b) LATITUDE:

N 35.08230 DEGREES

(104) NATIONAL HIGHWAY \$Y\$TEM:

IDENTIFICATI	ION —	CLASSIFICATION —	
(16a,b) LATITUDE:	N 35.08230 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
17a,b) LONGITUDE:	W 85.20610 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS
98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS: URBA	N FR
98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE: NO PARAL	LEL E
99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR: <b>2-V</b>	/AY T
BRIDGE TYPE AND N	MATERIAI ————	(103) TEMPORARY BRIDGE: NOT	APPL
43a) MAIN SPAN MATERIAL: CONCRE		(110) NATIONAL TRUCK ROUTE: ON TRUC	K NE
44a) APPR SPAN MATERIAL: NOT APP		(37) HISTORICAL CLASS: HISTORICAL SIGNIFICAN	
THAT IN OF ALL MOTALE	LIOADEL	NOT BEEN DETERMINED	
45) NUMBER OF MAIN SPANS:	4	———— CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:	
(107) TYPE OF DECK:	ONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:	
108) TYPE OF WEARING SURFACE AND	D DECK PROTECTION:	(60) SUBSTRUCTURE:	
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICABLE):	
C) TYPE PROTECTION: EPO	XY COATED REINFORCING	DESIGN LOAD AND WEIGHT POSTIN	
AGE AND SER	VICE ———	(31) DESIGN LOADING:	HS
(27) YEAR THE BRIDGE WAS BUILT:	1954	WEIGHT POSTING (2 AXLE VEHICLES): ALL LI	
(106) YEAR THE BRIDGE WAS REHABIL	ITATED: <b>2004</b>	WEIGHT POSTING (3 OR MORE AXLES): ALL LI	EGAL I
(42a) SERVICE ON BRIDGE:	HIGHWAY	(70) BRIDGE POSTING CODE:	
42b) UNDER BRIDGE:	HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
28a) NUMBER OF LANES CARRIED BY	BRIDGE: 8	——— APPRAISAL	
28b) NUMBER OF LANES UNDER THE E	BRIDGE: 4	(67) STRUCTURAL EVALUATION:	
GEOMETRIC D	DATA ————	(68) DECK GEOMETRY:	
(48) MAXIMUM SPAN LENGTH:	50.9 FT	(69) UNDERCLEARANCE RATING:	
49) TOTAL BRIDGE LENGTH:	175.9 FT	(71) WATERWAY ADEQUACY:	
(50a) LEFT SIDEWALK WIDTH:	3.6 FT	(72) APPROACH ROADWAY ALIGNMENT:	
(50b) RIGHT SIDEWALK WIDTH:	3.6 FT	(36) TRAFFIC SAFETY FEATURES:	
(51) BRIDGE CURB TO CURB WIDTH:	124 FT	(113) SCOUR CONDITION RATING:	
52) BRIDGE OUT TO OUT WIDTH:	126 FT	RECOMMENDED IMPROVEMENTS	, —
(32) APPROACH ROADWAY (W/ SHLDS)	WIDTH: <b>100.1 FT</b>	(75) TYPE OF WORK: <b>NOT APPLICABLE</b>	
(33) BRIDGE MEDIAN: CLOSEI	D MEDIAN - WITH BARRIER	(76) LENGTH OF BRIDGE IMPROVEMENT:	
(34) BRIDGE SKEW:	19 DEGREES	(94) BRIDGE IMPROVEMENT COST:	
(35) BRIDGE FLARE:	NO FLARE	(95) ROADWAY IMPROVEMENT COST:	
(520) MIN VERTICAL CLEARANCE OVER		(96) TOTAL PROJECT COST:	
(47) MIN HORIZONTAL CLEARANCE ON	ROADWAY: 61.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	
,	GHWAY BENEATH BRIDGE	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANC		(90) DATE OF LAST REGULAR INSPECTION:	4/1
,	GHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	
(55b) MIN HORZ UNDERCLR ON RIGHT:	1.97 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	
(56) MIN HORZ UNDERCLR ON LEFT:	1.97 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	
NAVIGATION D	DATA ————	(93c) DATE OF SPECIAL INSPECTION (MO/YR):	

**NOT APPLICABLE** 

N/A

N/A
N/A
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waive the provisions of §409

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR1530025 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR153 SPECIAL CASE: 0 FIPS CODE: 14000 **ROAD NAME: STATE HWY. 153** COUNTY SEQUENCE: 1 CROSSING: SOUTHERN RAILWAY LOG MILE: 7.76 LOCATION: 1 MI. N OF TN RIVER SUFFICIENCY RATING: 81.2 IDENTIFICATION CLASSIFICATION = (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.11755 DEGREES (17a,b) LONGITUDE: 85.23382 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: (58) DECK: (46) NUMBER OF APPROACH SPANS: (59) SUPERSTRUCTURE: **CONCRETE PRECAST PANELS** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: PREFORMED FABRIC NONE C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN **APPRAISAL** 

N/A

	AGE AND GENTIGE		
1954	) YEAR THE BRIDGE WAS BUILT:		
1983	6) YEAR THE BRIDGE WAS REHABILITATED:		
HIGHWAY	a) SERVICE ON BRIDGE:		
RAILROAD	b) UNDER BRIDGE:		
4	a) NUMBER OF LANES CARRIED BY BRIDGE:		
0	b) NUMBER OF LANES UNDER THE BRIDGE:		
GEOMETRIC DATA			
	GLOWLING DATA		
	N AAAN (IAAI IAA ODAAL I ENIOTI I		

57.1 FT	(48) MAXIMUM SPAN LENGTH:
208.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
102 FT	(51) BRIDGE CURB TO CURB WIDTH:
104 FT	(52) BRIDGE OUT TO OUT WIDTH:
80.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
<b>45 DEGREES</b>	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>40.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: RAILROAD

	(*,			
E: <b>23.49 FT</b>	(54b) MIN VERTICAL UNDERCLEARANCE			
LROAD BENEATH BRIDGE	(55a) HORZ UNDERCLR: RAIL			
10.17 FT	(55b) MIN HORZ UNDERCLR ON RIGHT:			
NOT APPLICABLE	(56) MIN HORZ UNDERCLR ON LEFT:			
NAVIGATION DATA				

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

(40) NAVIGATION HORZ CLEARANCE:

**PUBLICATION DATE** 19-Mar-20

#### YES **NHS ROUTE URBAN FREEWAY NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED CONDITION RATINGS 6 6 (61) STREAM CHANNEL AND CHANNEL PROTECTION: N (62) CULVERT CONDITION (IF APPLICABLE): DESIGN LOAD AND WEIGHT POSTING HS-20-44 ALL LEGAL LOADS ALL LEGAL LOADS (67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: **NOT APPLICABLE** (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 4/22/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33SR0290007

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: **STATE HWY. 153** CROSSING: **FAU 1406** 

LOCATION: 0.63 MI. S OF SR-29 JCT.

COUNTY: HAMILTON ROUTE: SR153

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 12.23

SUFFICIENCY RATING: 64.0

IDENTIFICATION —	
(16a,b) LATITUDE: N 35.17903 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.24760 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:	———— CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1959	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 1	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: 3
	(69) UNDERCLEARANCE RATING: 7
(48) MAXIMUM SPAN LENGTH: 67.9 FT (49) TOTAL BRIDGE LENGTH: 168.0 FT	(71) WATERWAY ADEQUACY: N
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 6
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000
(51) BRIDGE CURB TO CURB WIDTH: 27.9 FT	(113) SCOUR CONDITION RATING: N
(52) BRIDGE OUT TO OUT WIDTH: 34.4 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 34.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 168 FT
(34) BRIDGE SKEW: 47 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$1,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$1,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$2,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 15.91 FT	(90) DATE OF LAST REGULAR INSPECTION: 3/6/2019
(55a) HORZ UNDERCLR: <b>HIGHWAY BENEATH BRIDGE</b>	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 24.61 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 7.87 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 33\$R0290010 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: \$R153

FIPS CODE: 00000

ROAD NAME: DAYTON PK.

CROSSING: PITTS BRANCH

LOCATION: 0.29 MI. S OF SR-29 JCT.

IDENTIFICATION

#### - CLASSIFICATION -

SPECIAL CASE: 0

LOG MILE: 12.56

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 70.2

(16a,b) LATITUDE:	N	35.18377 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.24663 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS R
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN PRINCIPAL ARTE
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	LEFT LANE BR
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRA

0

#### BRIDGE TYPE AND MATERIAL =

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

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(45) NUMBER OF MAIN SPANS:

(46) NUMBER OF APPROACH SPANS:

(107) TYPE OF DECK:

CONCRETE CAST-IN-PLACE

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE:

ASPHALT

A) TYPE OF SURFACE:

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

ASPHALT

NONE

UNKNOWN

# AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1928 (106) YEAR THE BRIDGE WAS REHABILITATED: 1954 (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: WATERWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

 GEOMETRIC DATA

 (48) MAXIMUM SPAN LENGTH:
 33.1 FT

 (49) TOTAL BRIDGE LENGTH:
 99.1 FT

 (50a) LEFT SIDEWALK WIDTH:
 0.0 FT

 (50b) RIGHT SIDEWALK WIDTH:
 0.0 FT

 (51) BRIDGE CURB TO CURB WIDTH:
 27.9 FT

 (52) BRIDGE OUT TO OUT WIDTH:
 34.4 FT

 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
 36.1 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 30 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 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** 

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

**NAVIGATION DATA** 

(112) MEETS NBIS BRIDGE LENGTH:	YES	
(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE	
(26) FUNCTIONAL CLASS:	<b>URBAN PRINCIPAL ARTERIAL</b>	
(101) PARALLEL BRIDGE:	LEFT LANE BRIDGE	
(102) TRAFFIC DIR:	1-WAY TRAFFIC	
(103) TEMPORARY BRIDGE:	NOT APPLICABLE	
(110) NATIONAL TRUCK ROUTE:	ON TRUCK NETWORK	
	RICAL SIGNIFICANCE HAS EEN DETERMINED	
——— CONDITION RATINGS		
(50) DEOI(	_	

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

DESIGN LOAD AND WEIGHT DOSTING

1 0011110	DESIGN LOAD AND WEIGHT
HS-20-44	(31) DESIGN LOADING:
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):
ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):
5	(70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS OPEN

(41) WI POSTING STATUS. UPEN	
APPRAISAL	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	3
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	7
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	000N
(113) SCOUR CONDITION RATING:	5

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)

 (76) LENGTH OF BRIDGE IMPROVEMENT:
 99.1 FT

 (94) BRIDGE IMPROVEMENT COST:
 \$121,000.00

 (95) ROADWAY IMPROVEMENT COST:
 \$13,000.00

 (96) TOTAL PROJECT COST:
 \$182,000.00

 (97) YEAR OF IMPROVEMENT COST ESTIMATE:
 2019

 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(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



YES

6

6

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2019

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N/A

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\$121,000.00

\$182,000.00

\$13,000.00

4/9/2019

HS-20-44

**NHS ROUTE** 

1-WAY TRAFFIC

**NOT APPLICABLE** 

BRIDGE ID NUMBER: 33SR0290009 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR153 FIPS CODE: 00000 SPECIAL CASE: 0

ROAD NAME: DAYTON PK. CROSSING: PITTS BRANCH LOCATION: 0.29 MI. S OF SR-29 JCT.

COUNTY SEQUENCE: 1 LOG MILE: 12.56 SUFFICIENCY RATING: 73.5

#### IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.18382 DEGREES (17a,b) LONGITUDE: 85.24643 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: **ASPHALT** (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING UNKNOWN C) TYPE PROTECTION: (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1954 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 33.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 99.1 FT (72) APPROACH ROADWAY ALIGNMENT: 0.0 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 34.4 FT **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 37.1 FT NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: 30 DEGREES (34) BRIDGE SKEW: (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION** (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT INSPECTION DATES (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: (90) DATE OF LAST REGULAR INSPECTION: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **NOT APPLICABLE**

**NOT APPLICABLE** 

N/A

N/A

N/A

**NO NAVIGATION CONTROL** 

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(38) NAV CONTROL:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(39) NAVIGATION VERTICAL CLEARANCE:

**NAVIGATION DATA** 

# NATIONAL BRIDGE INVENTORY



**YES** 

N/A

N/A

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TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33S42690005 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR312 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: BIRCHWOOD PK. COUNTY SEQUENCE: 1 CROSSING: PENNY CREEK LOG MILE: 1.89 LOCATION: 1.89 MI. S OF SR-60 JCT. SUFFICIENCY RATING: 98.7 - CLASSIFICATION - IDENTIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.33190 DEGREES (17a,b) LONGITUDE: 85.01015 DEGREES (98a) BORDER 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: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: **EPOXY COATED REINFORCING** AGE AND SERVICE

1994	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:
	GEOMETRIC DATA
14.1 FT	(48) MAXIMUM SPAN LENGTH:

14.1 FT	(48) MAXIMUM SPAN LENGTH:
44.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
28.5 FT	(51) BRIDGE CURB TO CURB WIDTH:
39 FT	(52) BRIDGE OUT TO OUT WIDTH:
27.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
30 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>28.5 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
AY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHW

28.5 FT	LEARANCE ON ROADWAY:	MIN HORIZONTAL CL	(47) I
OR RAILROAD	<b>NOT A HIGHWAY</b>	) VERT UNDERCLR:	(54a)
T APPLICABLE	ERCLEARANCE: NO	) MIN VERTICAL UND	(54b)
OR RAILROAD	<b>NOT A HIGHWAY</b>	) HORZ UNDERCLR:	(55a)
T APPLICABLE	LR ON RIGHT: NO	) MIN HORZ UNDERC	(55b)
T APPLICABLE	CLR ON LEFT: NO	MIN HORZ UNDERC	(56)

#### NAVIGATION DATA (38) NAV CONTROL: NO NAVIGATION CONTROL

(,	
(39) NAVIGATION VERTICAL CLEARA	NCE: N/A
(116) LIFT BRIDGE VERT CLEARANCE	:: <b>N/A</b>
(40) NAVIGATION HORZ CLEARANCE	: N/A

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

(112) MEETO NEIO BINEGE EENOTH.	120
(104) NATIONAL HIGHWAY SYSTEM:	
(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
	IS NOT ELIGIBLE FOR THE
	IAL REGISTER
CONDITION RA	ATINGS —
(58) DECK:	N
(59) SUPERSTRUCTURE:	N
(60) SUBSTRUCTURE:	N
(61) STREAM CHANNEL AND CHANNI	EL PROTECTION: 5
(62) CULVERT CONDITION (IF APPLIC	CABLE): 7
DESIGN LOAD AND WE	EIGHT POSTING ———
(31) DESIGN LOADING:	HS-20-44
WEIGHT POSTING (2 AXLE VEHICLES	S): ALL LEGAL LOADS
WEIGHT POSTING (3 OR MORE AXLE	S): ALL LEGAL LOADS
(70) BRIDGE POSTING CODE:	5
(41) WT POSTING STATUS: OPEN	
——— APPRAISA	AL
(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	5
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	7
(72) APPROACH ROADWAY ALIGNME	· ·
(36) TRAFFIC SAFETY FEATURES:	1N11
(113) SCOUR CONDITION RATING:	8
RECOMMENDED IMI	
_	
(75) TYPE OF WORK: <b>NOT APPLIC</b> (76) LENGTH OF BRIDGE IMPROVEN	
· /	
(94) BRIDGE IMPROVEMENT COST:	
(95) ROADWAY IMPROVEMENT COS	)I.
(96) TOTAL PROJECT COST:	FOTIMATE.
(97) YEAR OF IMPROVEMENT COST	
INSPECTION I	_
(90) DATE OF LAST REGULAR INSPE	
(91) REGULAR INSPECTION FREQUE	ENCY (MONTHS): 24

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



YES

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N/A

12/6/2018

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0N11

HS-20-44

BRIDGE ID NUMBER: 33S42690003 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR312 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: BIRCHWOOD PK. COUNTY SEQUENCE: 1 CROSSING: GRASSHOPPER CREEK LOG MILE: 3.33 LOCATION: 3.33 MI. S OF SR-60 JCT. SUFFICIENCY RATING: 98.0 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.31620 DEGREES (17a,b) LONGITUDE: 85.02645 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MAJOR COLLECTOR** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1996 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 16.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 50.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT RECOMMENDED IMPROVEMENTS 33.5 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 25.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 15 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (38) NAV CONTROL: **NO NAVIGATION CONTROL** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



**YFS** 

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BRIDGE ID NUMBER: 33S42690001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: BIRCHWOOD PK. CROSSING: NORMAN BRANCH LOCATION: 8.72 MI. S OF SR-60 JCT.

COUNTY: HAMILTON ROUTE: SR312 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 8.71

#### CLASSIFICATION =

SUFFICIENCY RATING: 83.5

(112) MEETS NBIS BRIDGE LENGTH: (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

CONDITION RATINGS

NOT BEEN DETERMINED

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

# 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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: Ν (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: **NN11** (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: 12/6/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

IDENTIFICAT	LOCATION: 8.72 MI. S OF SR-60 JCT.		
	ION		
(16a,b) LATITUDE:	N	35.25142 DEGREES	
(17a,b) LONGITUDE:	W	85.06755 DEGREES	
(98a) BORDER BRIDGE STATE CODE:		N/A	
(98b) PERCENT SHARE:		N/A	
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	
BRIDGE TYPE AND N	4 A T F	-DIAI	
(43a) MAIN SPAN MATERIAL: CONCRE			
(44a) APPR SPAN MATERIAL: NOT APP	LICA	RLE	
(45) NUMBER OF MAIN SPANS:		2	
(46) NUMBER OF APPROACH SPANS:		0	
(107) TYPE OF DECK:		NOT APPLICABLE	
(108) TYPE OF WEARING SURFACE ANI	D DEC		
A) TYPE OF SURFACE:		NOT APPLICABLE	
B) TYPE MEMBRANE:		NOT APPLICABLE	
C) TYPE PROTECTION:		NOT APPLICABLE	
AGE AND SER	VICE	-	
	VICE	- 1940	
<ul><li>(27) YEAR THE BRIDGE WAS BUILT:</li><li>(106) YEAR THE BRIDGE WAS REHABIL</li></ul>	ITATE		
(42a) SERVICE ON BRIDGE:	IIAIE	HIGHWAY	
(42b) UNDER BRIDGE:		WATERWAY	
(28a) NUMBER OF LANES CARRIED BY	BBID		
(28b) NUMBER OF LANES UNDER THE			
GEOMETRIC			
(48) MAXIMUM SPAN LENGTH:	<i>-</i>	9.8 FT	
(49) TOTAL BRIDGE LENGTH:		22.0 FT	
(50a) LEFT SIDEWALK WIDTH:		0.0 FT	
(50b) RIGHT SIDEWALK WIDTH:		0.0 FT	
		0.0	
		UNDER FILL	
(51) BRIDGE CURB TO CURB WIDTH:		UNDER FILL UNDER FILL	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH:	WID <sup>-</sup>	UNDER FILL	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS)	WID <sup>-</sup>	UNDER FILL	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN:	WID <sup>-</sup>	UNDER FILL TH: 22.0 FT	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS)	WID <sup>-</sup>	UNDER FILL TH: 22.0 FT NO MEDIAN	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW:		UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:	R RD:	UNDER FILL 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER (47) MIN HORIZONTAL CLEARANCE ON	R RD:	UNDER FILL 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER (47) MIN HORIZONTAL CLEARANCE ON	R RD: ROAI <b>A HIG</b>	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT	R RD: ROAI <b>A HIG</b> E:	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT SHWAY OR RAILROAD	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT.	RD: ROA <b>A HIG</b> E: <b>A HIG</b>	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT HWAY OR RAILROAD NOT APPLICABLE	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT. (54b) MIN VERTICAL UNDERCLEARANCE (55a) HORZ UNDERCLR:	RD: ROAI <b>A HIG</b> E: <b>A HIG</b>	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT CHWAY OR RAILROAD NOT APPLICABLE CHWAY OR RAILROAD	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT. (54b) MIN VERTICAL UNDERCLEARANCE (55a) HORZ UNDERCLR: NOT. (55b) MIN HORZ UNDERCLR ON RIGHT:	RD: ROA <b>A HIG</b> E: <b>A HIG</b>	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT HWAY OR RAILROAD NOT APPLICABLE HWAY OR RAILROAD NOT APPLICABLE NOT APPLICABLE	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT. (54b) MIN VERTICAL UNDERCLEARANCE (55a) HORZ UNDERCLR: NOT. (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION E (38) NAV CONTROL:	R RD: ROAI A HIG E: A HIG	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT HWAY OR RAILROAD NOT APPLICABLE HWAY OR RAILROAD NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER: (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT. (54b) MIN VERTICAL UNDERCLEARANCE (55a) HORZ UNDERCLR: NOT. (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:  NAVIGATION E (38) NAV CONTROL:	R RD: ROAI A HIG E: A HIG	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT CHWAY OR RAILROAD NOT APPLICABLE CHWAY OR RAILROAD NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER: (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT. (54b) MIN VERTICAL UNDERCLEARANCE (55a) HORZ UNDERCLR: NOT. (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:  NAVIGATION E (38) NAV CONTROL: (39) NAVIGATION VERTICAL CLEARANCE:	R RD: ROAI A HIG E: A HIG	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT SHWAY OR RAILROAD NOT APPLICABLE SHWAY OR RAILROAD NOT APPLICABLE	
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER: (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT. (54b) MIN VERTICAL UNDERCLEARANCE (55a) HORZ UNDERCLR: NOT. (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:  NAVIGATION E (38) NAV CONTROL:	R RD: ROAI A HIG E: A HIG	UNDER FILL TH: 22.0 FT NO MEDIAN 0 DEGREES NO FLARE NO RESTRICTION DWAY: 22.0 FT CHWAY OR RAILROAD NOT APPLICABLE CHWAY OR RAILROAD NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE	



BRIDGE ID NUMBER: 33S43080001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: MAHAN GAP RD. CROSSING: OVERFLOW

LOCATION: 1.44 MI. E OF SR-58 JCT.

### COUNTY: HAMILTON ROUTE: SR312

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SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 15.68

SUFFICIENCY RATING: 77.5

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: YES Ν 35.17712 DEGREES (17a,b) LONGITUDE: 85.03798 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: **URBAN COLLECTOR** N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: Ν (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: Ν (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: Ν (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: H-15-44 AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1964 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: N (48) MAXIMUM SPAN LENGTH: 15.1 FT (71) WATERWAY ADEQUACY:

49.9 FT

0.0 FT

0.0 FT

32.5 FT

34.8 FT

24.0 FT

**NO MEDIAN** 

0 DEGREES

NO RESTRICTION

NOT APPLICABLE

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NO FLARE** 

20.0 FT

N/A

#### RECOMMENDED IMPROVEMENTS

T APPLICABLE

(72) APPROACH ROADWAY ALIGNMENT:

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

12/6/2018	(90) DATE OF LAST REGULAR INSPECTION:	
24	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	
N/A	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	
N	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	
N/A	(93c) DATE OF SPECIAL INSPECTION (MO/YR):	
N	(92c) SPECIAL INSP FREQUENCY (MONTHS):	

PRODUCED PURSUANT TO N/A PUBLIC RECORDS REQUEST N/A This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

#### (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA = (38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: (116) LIFT BRIDGE VERT CLEARANCE: (40) NAVIGATION HORZ CLEARANCE: **PUBLICATION DATE** 19-Mar-20

(49) TOTAL BRIDGE LENGTH:

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(51) BRIDGE CURB TO CURB WIDTH:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

(520) MIN VERTICAL CLEARANCE OVER RD:

(54b) MIN VERTICAL UNDERCLEARANCE:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

(52) BRIDGE OUT TO OUT WIDTH:



BRIDGE ID NUMBER: 33S43080003 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR312
FIPS CODE: 00000 SPECIAL CASE: 0
ROAD NAME: MAHAN GAP RD. COUNTY SEQUENCE: 1
CROSSING: LONG SAVANNAH CREEK LOG MILE: 15.71
LOCATION: 1.47 MI. E OF SR-58 JCT. SUFFICIENCY RATING: 65.5

LOCATION. 1.47 WII. E OF SR-36 JCT.	SUPPICIENCY RATING. 65.5
IDENTIFICATION ————	
(16a,b) LATITUDE: N 35.17717 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.03748 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN COLLECTOR
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 3	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 7 (59) SUPERSTRUCTURE: 7
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 7 (60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
A) TYPE OF SURFACE: ASPHALT	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: NONE	DESIGN LOAD AND WEIGHT POSTING
C) TYPE PROTECTION: NONE	
AGE AND SERVICE —	(31) DESIGN LOADING: H-15-44
(27) YEAR THE BRIDGE WAS BUILT: 1951	WEIGHT POSTING (2 AXLE VEHICLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  (70) BRIDGE POSTING CODE:  5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: WEIGHT POSTED
(42b) UNDER BRIDGE: WATERWAY	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION:  (68) DECK CEOMETRY:
GEOMETRIC DATA	(68) DECK GEOMETRY: 2 (69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 40.0 FT	(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH: 103.0 FT	(72) APPROACH ROADWAY ALIGNMENT:
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 24 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 30.2 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 103 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$286,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$29,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$430,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 24.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES ————
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 12/6/2018
(55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NO NAVIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

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PUBLIC RECORDS REQUEST

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR312

LOG MILE: 17.01

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33F01340005

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: MAHAN GAP RD. CROSSING: TALIFERRO BRANCH

LOCATION: 0.74 MI. FROM BRADLEY CO. SUFFICIENCY RATING: 84.3		SUFFICIENCY RATING: 84.3	
IDENTIFICATION			
(16a,b) LATITUDE: N	35.16963 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	S
(17a,b) LONGITUDE: W	85.01720 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUT	Έ
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS: RURAL MAJOR COLLECTO	R
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDG	ìΕ
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFF	IC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE: NOT APPLICABI	.E
(43a) MAIN SPAN MATERIAL: CONCRETE C		(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWOR	ŀΚ
(44a) APPR SPAN MATERIAL: NOT APPLICABLE		(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS:	2	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:	N
(107) TYPE OF DECK:	NOT APPLICABLE	(59) SUPERSTRUCTURE:	N
(108) TYPE OF WEARING SURFACE AND DE		(60) SUBSTRUCTURE:	N
A) TYPE OF SURFACE:	NOT APPLICABLE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
B) TYPE MEMBRANE:	NOT APPLICABLE	(62) CULVERT CONDITION (IF APPLICABLE):	7
C) TYPE PROTECTION:	NOT APPLICABLE	—— DESIGN LOAD AND WEIGHT POSTING ——	_
AGE AND SERVICE		(31) DESIGN LOADING:  WEIGHT POSTING (2 AXI E VEHICLES):  ALL LEGAL LOAD	

1954	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA

9.8 FT	(48) MAXIMUM SPAN LENGTH:
23.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
27.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
45 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>20.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW.

(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

N/A

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA =

(38) NAV CONTROL: NO NAVIGATION CONTROL (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE:

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

(41) WT POSTING STATUS: **OPFN** 

APPRAISAL	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	N
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	8
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	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:	12/6/2018
(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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(54a) VERT UNDERCLR:



COUNTY: HAMILTON

6

8

Ν

Ν

7

8

8

N/A

12/4/2018

24

N/A

N/A

Ν

Ν

0N01

HS-20-44

ALL LEGAL LOADS

ALL LEGAL LOADS

ROUTE: SR317

LOG MILE: 1.32

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 82.7

(61) STREAM CHANNEL AND CHANNEL PROTECTION:

DESIGN LOAD AND WEIGHT POSTING

OPEN

**APPRAISAL** 

RECOMMENDED IMPROVEMENTS

INSPECTION DATES

**NOT APPLICABLE** 

(62) CULVERT CONDITION (IF APPLICABLE):

WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES):

(70) BRIDGE POSTING CODE:

(67) STRUCTURAL EVALUATION:

(69) UNDERCLEARANCE RATING:

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(94) BRIDGE IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(95) ROADWAY IMPROVEMENT COST:

(72) APPROACH ROADWAY ALIGNMENT:

(76) LENGTH OF BRIDGE IMPROVEMENT:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(90) DATE OF LAST REGULAR INSPECTION:

(71) WATERWAY ADEQUACY:

(41) WT POSTING STATUS:

(68) DECK GEOMETRY:

(75) TYPE OF WORK:

BRIDGE ID NUMBER: 33SR3170005

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

A) TYPE OF SURFACE:

C) TYPE PROTECTION:

B) TYPE MEMBRANE:

ROAD NAME: BONNY OAKS DR.

CROSSING: BRANCH

LOCATION: 0.51 MI. E OF SR-153 JCT.

- IDENTIFICATION -			SIFICATION —
N 35.07	7333 DEGREES	(112) MEETS NBIS BRIDGE I	LENGTH: YES
E: <b>W 85.19</b>	0003 DEGREES	(104) NATIONAL HIGHWAY S	SYSTEM: NHS ROUTE
DGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
IARE:	N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
GE NUMBER: NC	T APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK RO	
MATERIAL: CONCRETE CONTIN MATERIAL: NOT APPLICABLE	luous	` '	BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
IAIN SPANS:	2	CONDI	TION RATINGS
PPROACH SPANS:	0	(58) DECK:	N
	T APPLICABLE	(59) SUPERSTRUCTURE:	N
ARING SURFACE AND DECK PRO		(60) SUBSTRUCTURE:	N

#### (31) DESIGN LOADING: AGE AND SERVICE

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

5

0

(27)	YEAR THE BRIDGE WAS BUILT:	1998
------	----------------------------	------

(106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

(42b) UNDER BRIDGE: **WATERWAY** 

(28a) NUMBER OF LANES CARRIED BY BRIDGE:

(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH:	9.8	FT
(49) TOTAL BRIDGE LENGTH:	21.0	FT

(50a) LEFT SIDEWALK WIDTH: 0.0 FT

(50b) RIGHT SIDEWALK WIDTH: 0.0 FT

(51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL** 

**UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 62.0 FT

**NO MEDIAN** (33) BRIDGE MEDIAN:

(34) BRIDGE SKEW: 0 DEGREES

(35) BRIDGE FLARE: **NO FLARE** 

NOT APPLICABLE

#### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 64.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### (92c) SPECIAL INSP FREQUENCY (MONTHS): N/A PRODUCED PURSUANT TO

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PUBLIC RECORDS REQUEST



COUNTY: HAMILTON

ROUTE: SR317

BRIDGE ID NUMBER: 33SR0022003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: BONNY OAKS DR. CROSSING: POE BRANCH

LOCATION: 1.04 MI W OF I-75 JCT.

SPECIAL CASE: 0

LOG MILE: 3.75 SUFFICIENCY RATING: 77.5

COUNTY SEQUENCE: 1

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.06912 DEGREES YES (17a,b) LONGITUDE: 85.14850 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN COLLECTOR** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: Ν (46) NUMBER OF APPROACH SPANS: 0 (59) SUPERSTRUCTURE: Ν (107) TYPE OF DECK: **NOT APPLICABLE** (60) SUBSTRUCTURE: Ν (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): 7 B) TYPE MEMBRANE: **NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **NOT APPLICABLE** (31) DESIGN LOADING: H-15-44 AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1930 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: 6 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: Ν GEOMETRIC DATA (69) UNDERCLEARANCE RATING: Ν (48) MAXIMUM SPAN LENGTH: 9.8 FT (71) WATERWAY ADEQUACY: 6 (49) TOTAL BRIDGE LENGTH: 23.0 FT (72) APPROACH ROADWAY ALIGNMENT: 8 (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: 1N1N (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: 8 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL** RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 41.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: N/A **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: 12/4/2018 (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** 24 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

NAVIGATION DATA

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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N/A

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(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):



COUNTY: HAMILTON

YES

**NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

NOT ON TRUCK NETWORK

HISTORICAL SIGNIFICANCE HAS

ROUTE: SR317

LOG MILE: 4.48

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 82.0

BRIDGE ID NUMBER: 33SR0022007 BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

(99) BORDER BRIDGE NUMBER:

ROAD NAME: BONNY OAKS DR. CROSSING: FRIAR BRANCH

LOCATION: 0.32 MI. W OF I-75 JCT.

IDENTIFICATION

#### CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.06270 DEGREES (17a,b) LONGITUDE: 85.13907 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN COLLECTOR** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR:

(103) TEMPORARY BRIDGE:

(37) HISTORICAL CLASS:

(110) NATIONAL TRUCK ROUTE:

**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: **NOT APPLICABLE** A) TYPE OF SURFACE: 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 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 9.8 FT (49) TOTAL BRIDGE LENGTH: 23.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 41.0 FT **NO MEDIAN** (33) BRIDGE 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: 41.0 FT

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA

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

(40) NAVIGATION HORZ CLEARANCE: N/A

NOT BEEN DETERMINED CONDITION RATINGS

(58) DECK: Ν (59) SUPERSTRUCTURE: Ν (60) SUBSTRUCTURE: Ν (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:

(41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: Ν (69) UNDERCLEARANCE RATING: Ν (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: 12/4/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

ROUTE: SR317

LOG MILE: 7.10

BRIDGE ID NUMBER: 33SR3170001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 16300 ROAD NAME: APISON PK. CROSSING: RAILROAD

LOCATION: 0.22 MI. W OF SR-321 JCT.

#### CLASSIFICATION

 IDENTIFICATION (16a,b) LATITUDE: Ν 35.07750 DEGREES (17a,b) LONGITUDE: 85.32343 DEGREES (98a) BORDER 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

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n

CONTINUOUS

**CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: 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-PEDESTRIAN RAILROAD** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 140.1 FT (49) TOTAL BRIDGE LENGTH: 391.4 FT (50a) LEFT SIDEWALK WIDTH: 4.9 FT (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (51) BRIDGE CURB TO CURB WIDTH: 71.9 FT (52) BRIDGE OUT TO OUT WIDTH: 84 FT

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 71.9 FT **NO MEDIAN** (33) BRIDGE MEDIAN:

(34) BRIDGE SKEW: 43 DEGREES

(35) BRIDGE FLARE: **NO FLARE** 

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 71.9 FT

**RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 39.04 FT

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 40 03 FT (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A (112) MEETS NBIS BRIDGE LENGTH:

YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 93.1

SPECIAL CASE: 0

(26) FUNCTIONAL CLASS: **URBAN MINOR ARTERIAL** 

(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

(37) HISTORICAL CLASS: 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: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν

#### 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:

(41) WT POSTING STATUS: OPEN

0

#### **APPRAISAL**

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 12/5/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

YES

NOT ON TRUCK NETWORK

BRIDGE IS NOT ELIGIBLE FOR THE

NATIONAL REGISTER

ROUTE: SR317

LOG MILE: 7.42

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 93.1

BRIDGE ID NUMBER: 33S43430005

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 16300 ROAD NAME: APISON PK. CROSSING: BRANCH

LOCATION: 0.22 MI. W OF SR-321 JCT.

#### CLASSIFICATION

 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.06082 DEGREES (17a,b) LONGITUDE: w 85.07022 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE:

14.1 FT

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

(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: **NOT APPLICABLE** A) TYPE OF SURFACE: B) TYPE MEMBRANE: **NOT APPLICABLE** C) TYPE PROTECTION: **NOT APPLICABLE** 

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1996 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER 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) 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: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0 FT **NO MEDIAN** (33) BRIDGE 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: 36.0 FT

#### (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A N/A

(40) NAVIGATION HORZ CLEARANCE:

CONDITION RATINGS

(58) DECK: Ν (59) SUPERSTRUCTURE: Ν (60) SUBSTRUCTURE: Ν (61) STREAM CHANNEL AND CHANNEL PROTECTION: R (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:

(41) WT POSTING STATUS: **OPEN** 

(37) HISTORICAL CLASS:

#### **APPRAISAL**

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 12/5/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν

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(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:



COUNTY: HAMILTON

ROUTE: SR317

LOG MILE: 8.76

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 93.3

BRIDGE ID NUMBER: 33S43430003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **16300** ROAD NAME: APISON PK.

CROSSING: WILKERSON CREEK

LOCATION: 1.12 MI. E OF SR-321 JCT.

(16a,b) LATITUDE:	N	35.05305	<b>DEGREES</b>	
(17a,b) LONGITUDE:	W	85.04950	<b>DEGREES</b>	
(98a) BORDER BRIDGE STATE CODE:			N/A	

- IDENTIFICATION

(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** 

**NOT APPLICABLE** C) TYPE PROTECTION:

#### AGE AND SERVICE

2001	YEAR THE BRIDGE WAS BUILT:	(27)
N/A	) YEAR THE BRIDGE WAS REHABILITATED:	(106
HIGHWAY	) SERVICE ON BRIDGE:	(42a
WATERWAY	) UNDER BRIDGE:	(42b
2	) NUMBER OF LANES CARRIED BY BRIDGE:	(28a
0	) NUMBER OF LANES UNDER THE BRIDGE:	(28b

#### GEOMETRIC DATA

444 ET

14.1 F1	(40) WAXIMOW SPAN LENGTH.
30.8 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
97.1 FT	(51) BRIDGE CURB TO CURB WIDTH:
97.1 FT	(52) BRIDGE OUT TO OUT WIDTH:
40.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
45 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** 

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(48) MAYIMI IM SDAN I ENGTH-

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

#### **CONDITION RATINGS**

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

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	12/5/2018
(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



COUNTY: HAMILTON

ROUTE: SR317

LOG MILE: 9.67

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 67.4

BRIDGE ID NUMBER: 33S43430001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 16300 ROAD NAME: APISON PK. CROSSING: CHESTNUT CREEK

LOCATION: 2.03 MI. E OF SR-321 JCT.

IDENTIFIC	ATION		CLASSIFICATION —	
(16a,b) LATITUDE:	N	35.04722 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	85.03658 DEGREES	(104) NATIONAL HIGHWAY S	/STEM: NHS ROUTE
(98a) BORDER BRIDGE STATE COD	E:	N/A	(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AN	о мат	FRIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONG			(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWOR	
(44a) APPR SPAN MATERIAL: NOT		ABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS:		1	CONDIT	ION RATINGS ————
(46) NUMBER OF APPROACH SPANS	S:	0	(58) DECK:	7
(107) TYPE OF DECK:	CONC	RETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:	7
(108) TYPE OF WEARING SURFACE	AND DE	CK PROTECTION:	(60) SUBSTRUCTURE:	7
A) TYPE OF SURFACE:		ASPHALT	(61) STREAM CHANNEL AND	CHANNEL PROTECTION: 7

B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION:	NONE	DESIGN LOAD AND WEIGHT I
AGE AND SERVICE		(31) DESIGN LOADING:

	AGE AND GENTIOE
1940	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	42.0 FT
(49) TOTAL BRIDGE LENGTH:	42.0 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	24 FT
(52) BRIDGE OUT TO OUT WIDTH:	30.8 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	29 9 FT

<b>NO MEDIAN</b>		(33) BRIDGE MEDIAN:
15 DEGREES		(34) BRIDGE SKEW:
NO FLARE		(35) BRIDGE FLARE:
O RESTRICTION	LEARANCE OVER RD: NO	(520) MIN VERTICAL CLEA
24.0 FT	CLEARANCE ON ROADWAY:	(47) MIN HORIZONTAL CL
OR RAILROAD	R: <b>NOT A HIGHWAY</b>	(54a) VERT UNDERCLR:
OT APPLICABLE	INDERCLEARANCE: NO	(54b) MIN VERTICAL UND
OR RAILROAD	R: <b>NOT A HIGHWAY</b>	(55a) HORZ UNDERCLR:
OT APPLICABLE	RCLR ON RIGHT: NO	(55b) MIN HORZ UNDERC
OT APPLICABLE	ERCLR ON LEFT: NO	(56) MIN HORZ UNDERC

NAVIGATION DATA			
(38)	NAV CONTROL:	NO NAVIGATION CONTROL	

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

_	DESIGN	LOAD	AND	WEIGHT	<b>POSTING</b>
	DEGIGIA			TT LICITI	1 0011110

H-15-44
ALL LEGAL LOADS
ALL LEGAL LOADS
5

Ν

(41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** NEEDED)

	NLLDLD)	
(76)	LENGTH OF BRIDGE IMPROVEMENT:	42 FT
(94)	BRIDGE IMPROVEMENT COST:	\$163,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$17,000.00
(96)	TOTAL PROJECT COST:	\$245,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2019
INSPECTION DATES		

#### (90) DATE OF LAST REGULAR INSPECTION: 12/5/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν

(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33SR0580019 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: DUPONT PKWY. COUNTY SEQUENCE: 1
CROSSING: SR 58 EB / SR 153 LOG MILE: 0.00
LOCATION: SR-58 / SR-153 JCT. SUFFICIENCY RATING: 42.9

LOCATION. SR-30 / SR-133 JCT.	SUFFICIENCY RATING. 42.9
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.09038 DEGR	EES (112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: <b>W</b> 85.21838 <b>DEGR</b>	EES (104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A (26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE:	N/A (101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICA	BLE (102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: CONCRETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS:	2 (58) DECK: 6
(107) TYPE OF DECK: CONCRETE CAST-IN-PLA	(FO) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 4
A) TYPE OF SURFACE: ASPH	ALT (61) STREAM CHANNEL AND CHANNEL PROTECTION: N
,	NE (62) CULVERT CONDITION (IF APPLICABLE):
,	DESIGN LOAD AND WEIGHT POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: <b>HS-20-44 +MOD</b>
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
· /	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGH	(70) BRIDGE POSTING CODE
(42b) UNDER BRIDGE: HIGH	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE:	6 (67) STRUCTURAL EVALUATION: 4
GEOMETRIC DATA	(68) DECK GEOMETRY: 3
(48) MAXIMUM SPAN LENGTH: 63.0	(69) UNDERCLEARANCE RATING: 6
(49) TOTAL BRIDGE LENGTH: 202.1	(71) WATERWAY ADEQUACY:
	(72) APPROACH ROADWAY ALIGNMENT: 8
	(36) TRAFFIC SAFETY FEATURES: 1001
(51) BRIDGE CURB TO CURB WIDTH: 28.2	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 34.4	——— DECOMMENDED IMPROVEMENTS ———
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 35.1	(75) TVDE OF WORK. PRIBOS WIREWING (NO RECK REPAIRS
(33) BRIDGE MEDIAN: NO MED	IAN (76) LENGTH OF BRIDGE IMPROVEMENT: 202.1 FT
(34) BRIDGE SKEW: 0 DEGR	(04) DDIDCE IMPDOVEMENT COST. #400 000 00
(35) BRIDGE FLARE: NO FLA	ARE (95) ROADWAY IMPROVEMENT COST: \$49,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICT	ON (96) TOTAL PROJECT COST: \$730,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.7	FT (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIE	GE INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 16.99	FT (90) DATE OF LAST REGULAR INSPECTION: 4/15/2019
(55a) HORZ UNDERCLR: <b>HIGHWAY BENEATH BRI</b>	OGE (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 13.12	FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 3.94	FT (92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICA	BLE (92c) SPECIAL INSP FREQUENCY (MONTHS): N

N/A

N/A

N/A

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PUBLIC RECORDS REQUEST

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document records request does not
waive the provisions of §409

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

6

5

4

Ν

Ν

4

3

6

Ν

8

Ν

2019

24

N/A

N/A

Ν

Ν

1001

BRIDGE ID NUMBER: 33SR0580019 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: AMNICOLA HWY. COUNTY SEQUENCE: 1 CROSSING: SR 58 EB / SR 153 LOG MILE: 0.00 LOCATION: SR-58 / SR-153 JCT. SUFFICIENCY RATING: 42.9 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: Ν 35.09038 DEGREES w 85.21838 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: N/A

(16a,b) LATITUDE: (17a,b) LONGITUDE: **NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 1-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: CONCRETE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 2 (59) SUPERSTRUCTURE: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: HS-20-44 +MOD - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1963 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 63.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 202.1 FT (72) APPROACH ROADWAY ALIGNMENT: 3.3 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 3.3 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 28.2 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 34.4 FT **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 35.1 FT NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 202.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: \$486,000.00 (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: \$49,000.00 (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: \$730,000.00 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION** (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.7 FT INSPECTION DATES (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: (90) DATE OF LAST REGULAR INSPECTION: 4/15/2019 16 99 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 13.12 FT (56) MIN HORZ UNDERCLR ON LEFT: 3.94 FT (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): **NAVIGATION DATA** (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

LOCATION: SR-58 / SR-153 JCT.



SUFFICIENCY RATING: 42.9

BRIDGE ID NUMBER: 33SR0580019 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319
FIPS CODE: 14000 SPECIAL CASE: 0
ROAD NAME: TSATI TER. COUNTY SEQUENCE: 1
CROSSING: SR 58 EB / SR 153 LOG MILE: 0.00

LOCATION. 3R-30 / 3R-133 JCT.	SUFFICIENCY RATING. 42.9
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.09038 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.21838 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: RIGHT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: CONCRETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(Hay/a Freshattante Controller	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 2	(58) DECK: 6
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 5
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 4
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	— DESIGN LOAD AND WEIGHT POSTING —
AGE AND SERVICE	(31) DESIGN LOADING: <b>HS-20-44 +MOD</b>
(27) YEAR THE BRIDGE WAS BUILT: 1963	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: HIGHWAY	ADDDAIGAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL ———
	(67) STRUCTURAL EVALUATION: 4
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	(67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 3
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6	(67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 3 (69) UNDERCLEARANCE RATING: 6
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  63.0 FT	(67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 3 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: 202.1 FT	(67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 3 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1001
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  3.3 FT	(67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 3 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1001 (113) SCOUR CONDITION RATING: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: 3.3 FT (50b) RIGHT SIDEWALK WIDTH: 3.3 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 3.3 FT (51) BRIDGE CURB TO CURB WIDTH: 22.2 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 34.4 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS)
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 35.1 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN:  NO MEDIAN	(67) STRUCTURAL EVALUATION:       4         (68) DECK GEOMETRY:       3         (69) UNDERCLEARANCE RATING:       6         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       202.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$486,000.00         (95) ROADWAY IMPROVEMENT COST:       \$49,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 3.3 FT (51) BRIDGE CURB TO CURB WIDTH: 28.2 FT (52) BRIDGE OUT TO OUT WIDTH: 3.4.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES	(67) STRUCTURAL EVALUATION:       4         (68) DECK GEOMETRY:       3         (69) UNDERCLEARANCE RATING:       6         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       202.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$486,000.00         (95) ROADWAY IMPROVEMENT COST:       \$49,000.00         (96) TOTAL PROJECT COST:       \$730,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  NO FLARE	(67) STRUCTURAL EVALUATION:       4         (68) DECK GEOMETRY:       3         (69) UNDERCLEARANCE RATING:       6         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       202.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$486,000.00         (95) ROADWAY IMPROVEMENT COST:       \$49,000.00         (96) TOTAL PROJECT COST:       \$730,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2019
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(67) STRUCTURAL EVALUATION:       4         (68) DECK GEOMETRY:       3         (69) UNDERCLEARANCE RATING:       6         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       202.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$486,000.00         (95) ROADWAY IMPROVEMENT COST:       \$49,000.00         (96) TOTAL PROJECT COST:       \$730,000.00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.7 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (1001 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 4/15/2019
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE SKEW: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLE: (55a) HORZ UNDERCLE: (16.99 FT) (55a) HORZ UNDERCLR: (17) MIN HORIZONTAL CLEARANCE: (18) MIN VERTICAL UNDERCLEARANCE: (18) MIN	(67) STRUCTURAL EVALUATION:       4         (68) DECK GEOMETRY:       3         (69) UNDERCLEARANCE RATING:       6         (71) WATERWAY ADEQUACY:       N         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1001         (113) SCOUR CONDITION RATING:       N         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       202.1 FT         (94) BRIDGE IMPROVEMENT COST:       \$486,000.00         (95) ROADWAY IMPROVEMENT COST:       \$49,000.00         (96) TOTAL PROJECT COST:       \$730,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2019         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       4/15/2019         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54a) VERT UNDERCLR: (55b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN HORZ UNDERCLR: (1312 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1001 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE SKEW: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLE: (55a) HORZ UNDERCLE: (16.99 FT) (55a) HORZ UNDERCLR: (17) MIN HORIZONTAL CLEARANCE: (18) MIN VERTICAL UNDERCLEARANCE: (18) MIN	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (55b) MIN VERTICAL UNDERCLR ON RIGHT: (55a) HORZ UNDERCLR ON RIGHT: (13.12 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1001 (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

6

5

4

Ν

Ν

4

3

6

Ν

8

Ν

1000

202.1 FT

\$486,000.00

\$730,000.00

\$49,000.00

4/15/2019

2019

24

N/A

N/A

Ν

Ν

**NHS ROUTE** 

**LEFT LANE BRIDGE** 

1-WAY TRAFFIC

HS-20-44 +MOD

ALL LEGAL LOADS

ALL LEGAL LOADS

**NOT APPLICABLE** 

ON TRUCK NETWORK

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0580020 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319 SPECIAL CASE: 0 FIPS CODE: 14000 ROAD NAME: DUPONT PKWY. COUNTY SEQUENCE: 1 CROSSING: SR 58 WB / SR 153 LOG MILE: 0.00 LOCATION: SR-58 / SR-153 JCT. SUFFICIENCY RATING: 42.9 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.09045 DEGREES (17a,b) LONGITUDE: w 85.21855 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL = (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: CONCRETE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 2 (59) SUPERSTRUCTURE: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT. 1063 WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: **OPEN APPRAISAL** (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY:

(21) TEAR THE BRIDGE WAS BUILT.	1903
(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:	6
GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	63.0 FT
(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH:	63.0 FT 202.1 FT
(49) TOTAL BRIDGE LENGTH:	202.1 FT
(49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH:	202.1 FT 3.3 FT
(49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH:	202.1 FT 3.3 FT 3.3 FT

27.9 FT	(51) BRIDGE CURB TO CURB WIDTH:
34.4 FT	(52) BRIDGE OUT TO OUT WIDTH:
H: <b>38.1 FT</b>	(32) APPROACH ROADWAY (W/ SHLDS) WID
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
WAY: <b>29.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROA
Y BENEATH BRIDGE	(54a) VERT UNDERCLR: <b>HIGHW</b>
15.91 FT	(54b) MIN VERTICAL UNDERCLEARANCE:
Y BENEATH BRIDGE	(55a) HORZ UNDERCLR: <b>HIGHW</b>
15.09 FT	(55b) MIN HORZ UNDERCLR ON RIGHT:
3.94 FT	(56) MIN HORZ UNDERCLR ON LEFT:

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

(92c) SPECIAL INSP FREQUENCY (MONTHS): PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

**BRIDGE WIDENING (NO DECK REPAIRS** 

(72) APPROACH ROADWAY ALIGNMENT:

(76) LENGTH OF BRIDGE IMPROVEMENT:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(90) DATE OF LAST REGULAR INSPECTION:

(94) BRIDGE IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(95) ROADWAY IMPROVEMENT COST:

RECOMMENDED IMPROVEMENTS

INSPECTION DATES

NEEDED)

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(75) TYPE OF WORK:



NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0580019 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: HIXSON PK. COUNTY SEQUENCE: 1 CROSSING: SR 58 EB / SR 153 LOG MILE: 0.00 LOCATION: SR-58 / SR-153 JCT. SUFFICIENCY RATING: 42.9 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.09038 DEGREES (17a,b) LONGITUDE: w 85.21838 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: CONCRETE (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 2 (59) SUPERSTRUCTURE: **CONCRETE CAST-IN-PLACE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): 1963

3.94 FT

**NOT APPLICABLE** 

C) TYPE PROTECTION: (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6

GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 63.0 FT (49) TOTAL BRIDGE LENGTH: 202.1 FT 3.3 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 3.3 FT (51) BRIDGE CURB TO CURB WIDTH: 28.2 FT (52) BRIDGE OUT TO OUT WIDTH: 34.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 35.1 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION** (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.7 FT (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: 16 99 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 13.12 FT

**NAVIGATION DATA** (38) NAV CONTROL:

(56) MIN HORZ UNDERCLR ON LEFT:

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

YES **NHS ROUTE URBAN PRINCIPAL ARTERIAL RIGHT LANE BRIDGE** 1-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** CONDITION RATINGS

6 5 4 (61) STREAM CHANNEL AND CHANNEL PROTECTION: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν

HS-20-44 +MOD ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: **OPEN** 

**APPRAISAL** (67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 3 (69) UNDERCLEARANCE RATING: 6 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1001 (113) SCOUR CONDITION RATING: Ν

 RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING (NO DECK REPAIRS** 

(75) TYPE OF WORK: NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 202.1 FT

(94) BRIDGE IMPROVEMENT COST: \$486,000.00 (95) ROADWAY IMPROVEMENT COST: \$49,000.00 (96) TOTAL PROJECT COST: \$730,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

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

> PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409

2019



YES

6

5

4

Ν

Ν

**NHS ROUTE** 

**LEFT LANE BRIDGE** 

1-WAY TRAFFIC

**NOT APPLICABLE** 

ON TRUCK NETWORK

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0580020 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319 SPECIAL CASE: 0 FIPS CODE: 14000 ROAD NAME: AMNICOLA HWY. COUNTY SEQUENCE: 1 CROSSING: SR 58 WB / SR 153 LOG MILE: 0.00 LOCATION: SR-58 / SR-153 JCT. SUFFICIENCY RATING: 42.9 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.09045 DEGREES (17a,b) LONGITUDE: w 85.21855 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL = (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: CONCRETE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 2 (59) SUPERSTRUCTURE: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: **OPEN APPRAISAL** (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING:

3.3 FT

3.94 FT

AGE AND SERVICE		
(27) YEAR THE BRIDGE WAS BUILT:	1963	
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A	
(42a) SERVICE ON BRIDGE:	HIGHWAY	
(42b) UNDER BRIDGE:	HIGHWAY	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	2	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	6	
GEOMETRIC DATA		
(48) MAXIMUM SPAN LENGTH:	63.0 FT	
(49) TOTAL BRIDGE LENGTH:	202.1 FT	
(50a) LEFT SIDEWALK WIDTH:	3.3 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: 38.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 29.0 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: 15.09 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

(60) SUBSTRUCTURE:	
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	
(62) CULVERT CONDITION (IF APPLICABLE):	

HS-20-44 +MOD ALL LEGAL LOADS ALL LEGAL LOADS

4 3 6 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000 (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** NEEDED)

(76) LENGTH OF BRIDGE IMPROVEMENT: 202.1 FT (94) BRIDGE IMPROVEMENT COST: \$486,000.00 (95) ROADWAY IMPROVEMENT COST: \$49,000.00 (96) TOTAL PROJECT COST: \$730,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019

#### INSPECTION DATES

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

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(56) MIN HORZ UNDERCLR ON LEFT:

(50b) RIGHT SIDEWALK WIDTH:



YES

6

5

4

Ν

Ν

4

3

6

Ν

8

Ν

1000

202.1 FT

2019

24

N/A

N/A

Ν

Ν

4/15/2019

**NHS ROUTE** 

**LEFT LANE BRIDGE** 

1-WAY TRAFFIC

HS-20-44 +MOD

ALL LEGAL LOADS

ALL LEGAL LOADS

**NOT APPLICABLE** 

ON TRUCK NETWORK

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33SR0580020 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319 SPECIAL CASE: 0 FIPS CODE: 14000 ROAD NAME: TSATITER. COUNTY SEQUENCE: 1 CROSSING: SR 58 WB / SR 153 LOG MILE: 0.00 LOCATION: SR-58 / SR-153 JCT. SUFFICIENCY RATING: 42.9 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.09045 DEGREES (17a,b) LONGITUDE: 85.21855 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL = (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: CONCRETE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 2 (59) SUPERSTRUCTURE: CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: **OPEN APPRAISAL** (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING:

AGE AND SERVICE	
(27) YEAR THE BRIDGE WAS BUILT:	1963
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A
(42a) SERVICE ON BRIDGE:	HIGHWAY
(42b) UNDER BRIDGE:	HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	2
(28b) NUMBER OF LANES UNDER THE BRIDGE:	6
GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	63.0 FT
(49) TOTAL BRIDGE LENGTH:	202.1 FT
(50a) LEFT SIDEWALK WIDTH:	3.3 FT

0.0	(coa) EEL L'OIDETTILE TITLE
3.3 FT	(50b) RIGHT SIDEWALK WIDTH:
27.9 FT	(51) BRIDGE CURB TO CURB WIDTH:
34.4 FT	(52) BRIDGE OUT TO OUT WIDTH:
38.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
Y: <b>29.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: <b>HIGHWAY</b>
45.04 ET	(E4b) MINI \/EDTICAL LINDEDCLEADANCE.

(54b) MIN VERTICAL UNDERCLEARA	NCE: <b>15.91 FT</b>
(55a) HORZ UNDERCLR:	HIGHWAY BENEATH BRIDGE
(55b) MIN HORZ UNDERCLR ON RIG	HT: <b>15.09 FT</b>
(56) MIN HORZ UNDERCLR ON LEF	T: <b>3.94 FT</b>
	N DATA ————

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

(40) NAVIGATION HORZ CLEARANCE:

(71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: \$486,000.00 (95) ROADWAY IMPROVEMENT COST: \$49,000.00 (96) TOTAL PROJECT COST: \$730,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS):

(93b) DATE OF LAST UNDERWATER INSP (MO/YR):

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

(93c) DATE OF SPECIAL INSPECTION (MO/YR):

(92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A



BRIDGE ID NUMBER: 33SR0580020

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: HIXSON PK.

CROSSING: SR 58 WB / SR 153

LOCATION: SR-58 / SR-153 JCT.

CLASSIFICATION

LOCATION: SR-58 / SR-153 JCT.	SUFFICIENCY RATING: 42.9
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.09045 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.21855 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 1-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (44a) APPR SPAN MATERIAL: CONCRETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 2	(58) DECK: 6
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 5
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 4
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———
,	(31) DESIGN LOADING: HS-20-44 +MOD
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1963	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: OPEN
(42b) UNDER BRIDGE: HIGHWAY	APPRAISAL ————
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6	(67) STRUCTURAL EVALUATION: 4
	(68) DECK GEOMETRY: 3
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING: 6
(48) MAXIMUM SPAN LENGTH: 63.0 FT	(71) WATERWAY ADEQUACY:
(49) TOTAL BRIDGE LENGTH: 202.1 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 3.3 FT	(36) TRAFFIC SAFETY FEATURES: 1000
(50b) RIGHT SIDEWALK WIDTH: 3.3 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 27.9 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH:  34.4 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 38.1 FT	NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 202.1 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$486,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$49,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$730,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 29.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 15.91 FT	(90) DATE OF LAST REGULAR INSPECTION: 4/15/2019
(55a) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 15.09 FT	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: 3.94 FT	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NOT APPLICABLE	(92c) SPECIAL INSP FREQUENCY (MONTHS): N
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO
(440) LIET BRIDGE VERT OF FARANCE	I RODUCED I URBUANT I U

N/A

N/A

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
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waive the provisions of §409

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

ROUTE: SR319

LOG MILE: 1.98

BRIDGE ID NUMBER: 33SR0580045

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: **AMNICOLA HWY.** CROSSING: **FAU 5395** 

LOCATION: SR-319 / FAU 5395 JCT.

#### - CLASSIFICATION -

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 78.0

SPECIAL CASE: 0

(16a,b) LATITUDE:	N	35.09463	DEGREES	(
(17a,b) LONGITUDE:	W	85.24913	DEGREES	(
(98a) BORDER BRIDGE STATE CODE:			N/A	(
(08h) DEPCENT SHARE:			NI/A	-

IDENTIFICATION

(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:

(46) NUMBER OF APPROACH SPANS:

(107) TYPE OF DECK:

CONCRETE PRECAST PANELS

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE:

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

ASPHALT

BUILT-UP

NONE

#### - AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT:
(106) YEAR THE BRIDGE WAS REHABILITATED:
N/A
(42a) SERVICE ON BRIDGE:
HIGHWAY
(42b) UNDER BRIDGE:
HIGHWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE:
4
(28b) NUMBER OF LANES UNDER THE BRIDGE:
5

#### ■ GEOMETRIC DATA =

(48) MAXIMUM SPAN LENGTH: 160.1 FT (49) TOTAL BRIDGE LENGTH: 160.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 82 FT (52) BRIDGE OUT TO OUT WIDTH: 87.9 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 94.2 FT **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:
(35) BRIDGE FLARE:
(520) MIN VERTICAL CLEARANCE OVER RD:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:
(54a) VERT UNDERCLR:
(54b) MIN VERTICAL UNDERCLEARANCE:
(54b) MIN VERTICAL UNDERCLEARANCE:
(55a) HORZ UNDERCLR:
HIGHWAY BENEATH BRIDGE

(55b) MIN HORZ UNDERCLR ON RIGHT: 9.84 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

(112) MEETS NBIS BRIDGE LENGTH:
(104) NATIONAL HIGHWAY SYSTEM:
(26) FUNCTIONAL CLASS:
(101) PARALLEL BRIDGE:
(102) TRAFFIC DIR:
(103) TEMPORARY BRIDGE:
(104) NATIONAL TRUCK ROUTE:
(105) NATIONAL TRUCK ROUTE:
(106) 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:
WEIGHT POSTING (2 AXLE VEHICLES):
WEIGHT POSTING (3 OR MORE AXLES):
ALL LEGAL LOADS
(70) BRIDGE POSTING CODE:
5

(41) WT POSTING STATUS: **OPEN** 

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION:
(68) DECK GEOMETRY:
(69) UNDERCLEARANCE RATING:
(71) WATERWAY ADEQUACY:
(72) APPROACH ROADWAY ALIGNMENT:
(36) TRAFFIC SAFETY FEATURES:
(100N
(113) SCOUR CONDITION RATING:
N

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: BRIDGE REHABILITATION

 (76)
 LENGTH OF BRIDGE IMPROVEMENT:
 160.1 FT

 (94)
 BRIDGE IMPROVEMENT COST:
 \$2,452,000.00

 (95)
 ROADWAY IMPROVEMENT COST:
 \$246,000.00

 (96)
 TOTAL PROJECT COST:
 \$3,679,000.00

 (97)
 YEAR OF IMPROVEMENT COST ESTIMATE:
 2019

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:4/16/2019(91) REGULAR INSPECTION FREQUENCY (MONTHS):24(93b) DATE OF LAST UNDERWATER INSP (MO/YR):N/A(92b) UNDERWATER INSP FREQUENCY (MONTHS):N(93c) DATE OF SPECIAL INSPECTION (MO/YR):N/A(92c) SPECIAL INSP FREQUENCY (MONTHS):N



BRIDGE ID NUMBER: 33006030003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: **DUPONT PKWY.**CROSSING: **SOUTHERN RAILWAY**LOCATION: **0.12 MI. S OF TENN. RIVER** 

COUNTY: HAMILTON ROUTE: SR319 SPECIAL CASE: 0

LOG MILE: 2.10 SUFFICIENCY RATING: 83.0

COUNTY SEQUENCE: 1

IDENTIFICATION	CLASSIFICATION —
(16a,b) LATITUDE: N 35.09660 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.25032 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>7</b> (59) SUPERSTRUCTURE: <b>7</b>
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: NONE	DESIGN LOAD AND WEIGHT POSTING
C) TYPE PROTECTION: NONE	
AGE AND SERVICE	(31) DESIGN LOADING: OTHER OR UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT: 1981	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS  (70) PRIDGE POSTING CODE:
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5 (41) WT POSTING STATUS: OPEN
(42b) UNDER BRIDGE: RAILROAD	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 7 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7
` '	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 5
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY:  7  7  7  7  7  7  8  7  7  8  7  7  8  7  7
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  67.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 67.9 FT (49) TOTAL BRIDGE LENGTH: 256.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: 100N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 67.9 FT  (49) TOTAL BRIDGE LENGTH: 256.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 67.9 FT  (49) TOTAL BRIDGE LENGTH: 256.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 117.1 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 117.1 FT (52) BRIDGE OUT TO OUT WIDTH: 119.1 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  96.1 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST:
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 117.1 FT (52) BRIDGE OUT TO OUT WIDTH: 132) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100N) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST:
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 117.1 FT (52) BRIDGE OUT TO OUT WIDTH: 119.1 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 13 DEGREES	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (100N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY:  53.0 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (100N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR:  RAILROAD BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100N) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (529.99 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (100N)  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  4/10/2019
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55a) RIDGE RAILROAD BENEATH BRIDGE	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (100N  (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  4/10/2019  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  24
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54a) VERT UNDERCLR: (55b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN HORZ UNDERCLR ON RIGHT: (55a) HORZ UNDERCLR ON RIGHT: (55a) TOTAL BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: (57.9 FT (5	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (100 N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  24  (93b) DATE OF LAST UNDERWATER INSP (MO/YR):  N/A
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR ON RIGHT: (55b) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (57) FT (57.9 FT (5	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (100 N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  (92b) UNDERWATER INSP FREQUENCY (MONTHS):  N
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54a) VERT UNDERCLR: (55b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN HORZ UNDERCLR ON RIGHT: (55a) HORZ UNDERCLR ON RIGHT: (55a) TOTAL BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: (57.9 FT (5	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (100 N  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  (91) REGULAR INSPECTION FREQUENCY (MONTHS):  24  (93b) DATE OF LAST UNDERWATER INSP (MO/YR):  N/A

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

NOT ON TRUCK NETWORK

BRIDGE ID NUMBER: 33006030001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** 

ROAD NAME: DUPONT PKWY. CROSSING: TENNESSEE RIVER LOCATION: SR-319 / TENN. RIVER

ROUTE: SR319 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 2.22

SUFFICIENCY RATING: 71.7

#### IDENTIFICATION -CLASSIFICATION -

(16a,b) LATITUDE:	N	35.09792 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.25132 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN FREEWAY</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND A	4 A T	EDIAI	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

480 0 FT

25.98 FT

13.12 FT

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

#### 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:	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	
(108) TYPE OF WEARING SURFACE A	ND DECK PROTECTION:

A) TYPE OF SURFACE: LOW SLUMP CONCRETE B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE

## AGE AND SERVICE

1976	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
6	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES LINDER THE BRIDGE:

#### ■ GEOMETRIC DATA ■

400.0 1 1	(40) MACHMONI OF AN ELINOTTI.
1341.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
109.9 FT	(51) BRIDGE CURB TO CURB WIDTH:
111.9 FT	(52) BRIDGE OUT TO OUT WIDTH:
104.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
N - NO BARRIER	(33) BRIDGE MEDIAN: CLOSED MEDIA
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
IO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
Y: <b>54.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADWA
Y OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHWA

#### (56) MIN HORZ UNDERCLR ON LEFT: NAVIGATION DATA =

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL: NAVIGATION CONTROLLED WATERWAY (39) NAVIGATION VERTICAL CLEARANCE: 75.5 FT

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: 454.7 FT

#### CONDITION RATINGS

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

(110) NATIONAL TRUCK ROUTE:

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

#### DESIGN LOAD AND WEIGHT POSTING

H-20-44		(31) DESIGN LOADING:
ALL LEGAL LOADS	EHICLES):	WEIGHT POSTING (2 AXLE V
ALL LEGAL LOADS	RE AXLES):	WEIGHT POSTING (3 OR MO
5	i:	(70) BRIDGE POSTING CODE
	OPEN	(41) WT POSTING STATUS:

APPRAISAL				
(67) STRUCTURAL EVALUATION:	5			
(68) DECK GEOMETRY:	9			
(69) UNDERCLEARANCE RATING:	N			
(71) WATERWAY ADEQUACY:	9			
(72) APPROACH ROADWAY ALIGNMENT:	8			
(36) TRAFFIC SAFETY FEATURES:	100N			
(113) SCOUR CONDITION RATING:	8			
DECOMMENDED IMPROVEMENTO				

#### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	BRIDGE DECK REPAIR	
(76)	LENGTH OF BRID	GE IMPROVEMENT:	1341.9 FT
(94)	BRIDGE IMPROVE	MENT COST:	\$10,354,000.00
(95)	ROADWAY IMPRO	VEMENT COST:	\$1,036,000.00
(96)	TOTAL PROJECT	COST:	\$15,532,000.00
(97)	YEAR OF IMPROV	EMENT COST ESTIMATE:	2019
	INC	PECTION DATES -	

(90) DATE OF LAST REGULAR INSPECTION:	4/1/2019
(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):	N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N

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(48) MAXIMUM SPAN I FNGTH:



COUNTY: HAMILTON

ROUTE: SR319

LOG MILE: 2.67

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 84.4

BRIDGE ID NUMBER: 33006030015

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: DUPONT PKWY. CROSSING: SOUTHERN RAILWAY

LOCATION: .5 MI. N. OF TN. RV.

CLASSIFICATION			IDENTIFICATION	
YES	(112) MEETS NBIS BRIDGE LENGTH:	35.10380 DEGREES	(16a,b) LATITUDE: N	
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:	85.25473 DEGREES	(17a,b) LONGITUDE: W	
URBAN FREEWAY	(26) FUNCTIONAL CLASS:	N/A	(98a) BORDER BRIDGE STATE CODE:	
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:	N/A	(98b) PERCENT SHARE:	
2-WAY TRAFFIC	(102) TRAFFIC DIR:	NOT APPLICABLE	(99) BORDER BRIDGE NUMBER:	
NOT APPLICABLE	(103) TEMPORARY BRIDGE:	BRIDGE TYPE AND MATERIAL		
	(440) NATIONAL TRUOK BOLITE			

NONE

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: 3 (46) NUMBER OF APPROACH SPANS: n **CONCRETE PRECAST PANELS** (107) TYPE OF DECK:

CONTINUOUS

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION:

### 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: **RAILROAD** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 6 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 63.0 FT (49) TOTAL BRIDGE LENGTH: 189.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 109.9 FT (52) BRIDGE OUT TO OUT WIDTH: 111.9 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 107.9 FT (33) BRIDGE MEDIAN: **CLOSED MEDIAN - WITH BARRIER** (34) BRIDGE SKEW: 14 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 54.5 FT

**RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 25.92 FT

(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE

(55b) MIN HORZ UNDERCLR ON RIGHT: 23.95 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

**PUBLICATION DATE** 19-Mar-20

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** 

#### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 4/16/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



BRIDGE ID NUMBER: 33006030017

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: **DUPONT PKWY.** CROSSING: **FAU 3542** 

LOCATION: 1.0 MI. N. OF TN. RV.

COUNTY: HAMILTON

ROUTE: SR319

SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 3.26

SUFFICIENCY RATING: 94.7

IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.11172 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.25093 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN FREEWAY
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>STEEL</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(AE) NI IMPED OF MAIN SPANS:	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>6</b>
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 6
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 6
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1978	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BOILT.  (106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(425) SINDER BRIDGE.	ADDD 410.41
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 4	APPRAISAL ————
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6	(67) STRUCTURAL EVALUATION: 6
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6 GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 6
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 153.9 FT	(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 9
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 153.9 FT  (49) TOTAL BRIDGE LENGTH: 194.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 153.9 FT  (49) TOTAL BRIDGE LENGTH: 194.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 80) TRAFFIC SAFETY FEATURES: 100N
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 153.9 FT  (49) TOTAL BRIDGE LENGTH: 194.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8
(28b) NUMBER OF LANES UNDER THE BRIDGE: 6  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 153.9 FT  (49) TOTAL BRIDGE LENGTH: 194.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 0.0 FT  (51) BRIDGE CURB TO CURB WIDTH: 167 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 80) TRAFFIC SAFETY FEATURES: 100N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 66  153.9 FT 167 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 66  153.9 FT 167 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: N RECOMMENDED IMPROVEMENTS
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  6  153.9 FT  167.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (72) APPROACH ROADWAY ALIGNMENT: (73) TRAFFIC SAFETY FEATURES: (74) NON (113) SCOUR CONDITION RATING:  N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  (50b) RIGHT SIDEWALK WIDTH:  (51) BRIDGE CURB TO CURB WIDTH:  (52) BRIDGE OUT TO OUT WIDTH:  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN:  CLOSED MEDIAN - NO BARRIER  (34) BRIDGE SKEW:  4 DEGREES	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (9) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  (50a) LEFT SIDEWALK WIDTH:  (50b) RIGHT SIDEWALK WIDTH:  (51) BRIDGE CURB TO CURB WIDTH:  (52) BRIDGE OUT TO OUT WIDTH:  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  (33) BRIDGE MEDIAN:  CLOSED MEDIAN - NO BARRIER  (34) BRIDGE SKEW:  4 DEGREES	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: CLOSED MEDIAN - NO BARRIER (34) BRIDGE SKEW: 4 DEGREES (35) BRIDGE FLARE:  YES, FLARED	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (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:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: CLOSED MEDIAN - NO BARRIER (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (153.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (836) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (35) BRIDGE FLARE: (36) MIN VERTICAL CLEARANCE OVER RD: (37) MIN HORIZONTAL CLEARANCE ON ROADWAY: (36) NO RESTRICTION (37) MIN HORIZONTAL CLEARANCE ON ROADWAY: (36) NO RESTRICTION (37) MIN HORIZONTAL CLEARANCE ON ROADWAY: (36) MIN VERT UNDERCLR: (37) HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (75) TYPE OF WORK: (75) TYPE OF WORK: (76) LENGTH OF BRIDGE IMPROVEMENT: (77) ROADWAY IMPROVEMENT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (98) INSPECTION DATES
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (35) BRIDGE FLARE: (36) MIN VERTICAL CLEARANCE OVER RD: (37) MIN HORIZONTAL CLEARANCE ON ROADWAY: (38) VERT UNDERCLR: (39) HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: (37) BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: (37) FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 9 (71) WATERWAY ADEQUACY: N (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: N RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 4/23/2019
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (36) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (540) WIN VERTICAL CLEARANCE ON ROADWAY: (541) MIN HORIZONTAL CLEARANCE: (542) MIN VERTICAL UNDERCLEARANCE: (553) HORZ UNDERCLR: (1544) MIN VERTICAL UNDERCLEARANCE: (15555) HORZ UNDERCLR: (1556) HIGHWAY BENEATH BRIDGE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING: N  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 153.9 FT  (49) TOTAL BRIDGE LENGTH: 194.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 167 FT  (51) BRIDGE CURB TO CURB WIDTH: 169 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 167.0 FT  (33) BRIDGE MEDIAN: CLOSED MEDIAN - NO BARRIER  (34) BRIDGE SKEW: 4 DEGREES  (35) BRIDGE FLARE: YES, FLARED  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 154.0 FT  (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE  (55b) MIN HORZ UNDERCLR ON RIGHT: 40.35 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (99) (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (836) TRAFFIC SAFETY FEATURES: (100) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

N/A

N/A

N/A

PUBLICATION DATE 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: HAMILTON

BRIDGE ID NUMBER: 33006030019

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: DUPONT PKWY. CROSSING: FAU 3588 & E697 LOCATION: 1.4 MI. N. TENN. RIVER

ROUTE: SR319 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 3.63

SUFFICIENCY RATING: 93.0

#### IDENTIFICATION - CLASSIFICATION

101.0 FT

(16a,b) LATITUDE: Ν 35.11678 DEGREES (17a,b) LONGITUDE: 85.24848 DEGREES (98a) BORDER 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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION: **EPOXY COATED REINFORCING** 

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1981 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **HIGHWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 4

#### GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH: 172.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 86 FT (52) BRIDGE OUT TO OUT WIDTH: 87.9 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 86.0 FT **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE MEDIAN:

(34) BRIDGE SKEW: 7 DEGREES

(35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT

**HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 16.93 FT

(55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** 

(55b) MIN HORZ UNDERCLR ON RIGHT: 7.55 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

**PUBLICATION DATE** 19-Mar-20

(48) MAXIMUM SPAN LENGTH:

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN FREEWAY** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY 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: Ν (62) CULVERT CONDITION (IF APPLICABLE): Ν

#### 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:

(41) WT POSTING STATUS: OPEN

**APPRAISAL** (67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 9 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: 100N (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 4/10/2019 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A (92c) SPECIAL INSP FREQUENCY (MONTHS): Ν



COUNTY: HAMILTON

Ν

Ν

ROUTE: SR319

LOG MILE: 4.11

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 79.1

BRIDGE ID NUMBER: 33006030021

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** 

ROAD NAME: DUPONT PKWY. CROSSING: BRANCH

LOCATION: 0.24 MI. W OF SR-153 JCT.

IDENTIFICATION —		CLASSIFICATION —	
(16a,b) LATITUDE:	N 35.11927 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W 85.24098 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	URBAN FREEWAY
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND	MATERIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCR		(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT AF	PLICABLE	` ,	ICAL SIGNIFICANCE HAS EN DETERMINED
(45) NUMBER OF MAIN SPANS:	2	CONDITION RATINGS	

#### (58) DECK: (46) NUMBER OF APPROACH SPANS: (59) SUPERSTRUCTURE: **NOT APPLICABLE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE) B) TYPE MEMBRANE: **NOT APPLICABLE** C) TYPE PROTECTION: **NOT APPLICABLE**

9.8 FT

	AGE AND SERVICE —
1981	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
4	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

GEOMETRIC DATA

22.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
UNDER FILL	(51) BRIDGE CURB TO CURB WIDTH:
UNDER FILL	(52) BRIDGE OUT TO OUT WIDTH:
129.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:

- NO BARRIER	CLOSED MEDIAN	(33) BRIDGE MEDIAN:
4 DEGREES		(34) BRIDGE SKEW:
NO FLARE		(35) BRIDGE FLARE:
RESTRICTION	EARANCE OVER RD: NO	(520) MIN VERTICAL CLE
40.0 FT	CLEARANCE ON ROADWAY:	(47) MIN HORIZONTAL C
OR RAILROAD	NOT A HIGHWAY	(54a) VERT UNDERCLR:
T APPLICABLE	NDERCLEARANCE: NO	(54b) MIN VERTICAL UNI

NOT APPLICABLE	N VERTICAL UNDERCLEARANCE:	(54b) N
GHWAY OR RAILROAD	DRZ UNDERCLR: NOT A HIG	(55a) H
NOT APPLICABLE	N HORZ UNDERCLR ON RIGHT:	(55b) N
NOT APPLICABLE	N HORZ UNDERCLR ON LEFT:	(56) N
•	NAME AT A DATA	

NAVIGA	ATION DATA ————
(38) NAV CONTROL:	NO NAVIGATION CONTROL

(50)	NAV OONTROL.	NO NAVIGATION CONT	NOL
(39)	NAVIGATION VERTICAL CLEARA	NCE:	N/A
(116)	LIFT BRIDGE VERT CLEARANCE	:	N/A
(40)	NAVIGATION HORZ CLEARANCE	<u>:</u>	N/A

JUL	VEIXI COMDI	HON (IF AF	FLICABLE).	
_	<b>DESIGN L</b>	DAD 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:

(41) WT POSTING STATUS: OPEN

## **ΔΡΡ**ΡΔΙSΔΙ

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

#### RECOMMENDED IMPROVEMENTS

	ORK: BRIDGE REHABILITATION	(75)
22 FT	F BRIDGE IMPROVEMENT:	(76)
\$236,000.00	IPROVEMENT COST:	(94)
\$24,000.00	IMPROVEMENT COST:	(95)
\$355,000.00	OJECT COST:	(96)
2019	MPROVEMENT COST ESTIMATE:	(97)
INSPECTION DATES		

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

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(48) MAXIMUM SPAN LENGTH:



COUNTY: HAMILTON

**YFS** 

ROUTE: SR319

LOG MILE: 5.19

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 79.0

BRIDGE ID NUMBER: 33S43060009

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: HIXSON PK.

CROSSING: SOUTHERN RAILWAY

LOCATION: 0.84 MI. E OF SR-153 JCT.

# CLASSIFICATION =

(16a,b) LATITUDE:	N	35.08230	DEGREES	
(17a,b) LONGITUDE:	W	85.20610	DEGREES	

IDENTIFICATION

(98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A

(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** 

	` ,
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:
<b>URBAN PRINCIPAL ARTERIAL</b>	(26) FUNCTIONAL CLASS:
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:
2-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED

# BRIDGE TYPE AND MATERIAL

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

(45) NUMBER OF MAIN SPANS: 5 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

**EPOXY COATED REINFORCING** C) TYPE PROTECTION:

# CONDITION RATINGS

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

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: 1988 (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN RAILROAD** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

# 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:

(41) WT POSTING STATUS: OPEN

44.0 FT

(112) MEETS NBIS BRIDGE LENGTH:

## GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH: 158.1 FT 4.9 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (51) BRIDGE CURB TO CURB WIDTH: 64 FT 76.1 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 60.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 33 DEGREES (35) BRIDGE FLARE: **NO FLARE** NO RESTRICTION

(520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 64.0 FT **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 21.26 FT

(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 6.56 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

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 4 (69) UNDERCLEARANCE RATING: 3 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 110N (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 158.1 FT (94) BRIDGE IMPROVEMENT COST: \$1,775,000.00 (95) ROADWAY IMPROVEMENT COST: \$178,000.00 (96) TOTAL PROJECT COST: \$2,663,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019

#### INSPECTION DATES

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

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(48) MAXIMUM SPAN LENGTH:



YES

7

7

7

7

Ν

7

4

N

9

8

3

N/A

4/17/2019

24

Ν

Ν

N/A

000N

HS-20-44

**NHS ROUTE** 

2-WAY TRAFFIC

BRIDGE ID NUMBER: 33S43060011 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: HIXSON PK. COUNTY SEQUENCE: 1 CROSSING: NORTH CHICKAMAUGA CREEK LOG MILE: 6.29 LOCATION: 1.94 MI. E OF SR-153 JCT. SUFFICIENCY RATING: 84.5 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.14910 DEGREES (17a,b) LONGITUDE: 85.21910 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 7 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1955 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1990 (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 53.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 273.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 4.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 64 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 76.1 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 51.8 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 30 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 64.0 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA =

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



COUNTY: HAMILTON

ROUTE: SR319

LOG MILE: 6.95

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 92.5

BRIDGE ID NUMBER: 33SR3190001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: HIXSON PK. CROSSING: ROGERS BRANCH

LOCATION: 2.58 MI. E OF SR-153 JCT.

IDENTIFICATION

(16a,b) LATITUDE: Ν 35.15023 DEGREES (17a,b) LONGITUDE: 85.21027 DEGREES (98a) BORDER 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: n **NOT APPLICABLE** (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**NOT APPLICABLE** A) TYPE OF SURFACE: B) TYPE MEMBRANE: **NOT APPLICABLE** C) TYPE PROTECTION: **NOT APPLICABLE** 

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 2003 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER 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 UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 32.2 FT **NO MEDIAN** (33) BRIDGE 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: 66.0 FT

**NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

NAVIGATION DATA

**NOT APPLICABLE** 

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A N/A

(40) NAVIGATION HORZ CLEARANCE:

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

NOT BEEN DETERMINED

## CONDITION RATINGS

(58) DECK: Ν (59) SUPERSTRUCTURE: Ν (60) SUBSTRUCTURE: Ν (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:

(41) WT POSTING STATUS: **OPEN** 

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

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

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(56) MIN HORZ UNDERCLR ON LEFT:



COUNTY: HAMILTON

ROUTE: SR319

LOG MILE: 11.97

SPECIAL CASE: 0

BRIDGE ID NUMBER: 33S43060005

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** ROAD NAME: HIXSON PK. CROSSING: BRANCH

LOCATION: 7.61 MI. E OF SR-153 JCT.

 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.20093 DEGREES (17a,b) LONGITUDE: 85.15758 DEGREES (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** 

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

3
: 0
CONCRETE CAST-IN-PLACE
AND DECK PROTECTION:

A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: NONE UNKNOWN C) TYPE PROTECTION:

## AGE AND SERVICE =

1985	(27) YEAR THE BRIDGE WAS BUILT:
2003	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA =

9.8 FT	(48) MAXIMUM SPAN LENGTH:
38.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
40.4 FT	(51) BRIDGE CURB TO CURB WIDTH:
44 FT	(52) BRIDGE OUT TO OUT WIDTH:
29.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
30 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
۸۷. 62 0 ET	(47) MINITIODIZONITAL CLEADANCE ON DOADIA

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

**NOT APPLICABLE** 

# NAVIGATION DATA =

(38)	NAV CONTROL:	NO NAVIGATION CONTROL
(39)	NAVIGATION VERTICAL CLEARA	NCE: N/A
(116)	LIFT BRIDGE VERT CLEARANCE	: N/A

(40) NAVIGATION HORZ CLEARANCE:

CLASSIFICATION —

YES (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 88.9

**URBAN PRINCIPAL ARTERIAL** 

**NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC

(103) TEMPORARY 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

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

(41) WT POSTING STATUS: **OPFN** 

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

N/A

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

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

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(56) MIN HORZ UNDERCLR ON LEFT:



COUNTY: HAMILTON

ROUTE: SR319

LOG MILE: 12.30

BRIDGE ID NUMBER: 33S43060007

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000 ROAD NAME: HIXSON PK. CROSSING: BRANCH

LOCATION: 7.94 MI. E OF SR-153 JCT.

IDENTIFICATION

(16a,b) LATITUDE: Ν 35.20292 DEGREES (17a,b) LONGITUDE: 85.15255 DEGREES (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: 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: n (107) TYPE OF DECK: **CONCRETE PRECAST PANELS** 

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

UNKNOWN C) TYPE PROTECTION:

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1985 (106) YEAR THE BRIDGE WAS REHABILITATED: 2003 **HIGHWAY** (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 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: 53.5 FT 56.4 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9 FT (33) BRIDGE MEDIAN: **NO MEDIAN** 0 DEGREES **NO FLARE** 

(34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 63.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** 

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

### NAVIGATION DATA =

(38) NAV CONTROL: **NO NAVIGATION CONTROL** 

(39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE:

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: YES

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 96.4

SPECIAL CASE: 0

(104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE** 

**URBAN PRINCIPAL ARTERIAL** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

#### CONDITION RATINGS

(58) DECK: Ν (59) SUPERSTRUCTURE: Ν (60) SUBSTRUCTURE: Ν (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:

(41) WT POSTING STATUS: OPEN

#### **APPRAISAL**

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

8

(94) BRIDGE IMPROVEMENT COST:

(113) SCOUR CONDITION RATING:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

N/A

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

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



YES

7

7

7

Ν

Ν

7

7

5

Ν

8

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N/A

2/11/2019

24

N/A

N/A

Ν

Ν

1000

HS-20-44

**NHS ROUTE** 

BRIDGE ID NUMBER: 33SR0290061 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR319 FIPS CODE: 69560 SPECIAL CASE: 0 ROAD NAME: TSATITER. COUNTY SEQUENCE: 1 CROSSING: SR 319 / SR 29 LOG MILE: 21.26 LOCATION: SR-319 / SR-29 JCT. SUFFICIENCY RATING: 81.7 IDENTIFICATION CLASSIFICATION = (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.27687 DEGREES (17a,b) LONGITUDE: 85.15512 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: **ASPHALT** (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: PREFORMED FABRIC DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: NONE (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1978 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **HIGHWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 122.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 224.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 44 FT RECOMMENDED IMPROVEMENTS 45.9 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 40.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 90 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 43.0 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 15.94 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 9 84 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 4.27 FT (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA = (38) NAV CONTROL: **NOT APPLICABLE** (92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: HAMILTON

7

Ν

Ν

ROUTE: SR320

BRIDGE ID NUMBER: 33S43070001

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: **14000** 

ROAD NAME: E. BRAINERD RD.
CROSSING: CSX RAILROAD
LOCATION: 0.8 MI. W OF I-75 JCT.

LOG MILE: 0.86 SUFFICIENCY RATING: 46.5

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

## 

39.0 FT

(16a,b) LATITUDE:	N	35.01833	DEGREES	(11
(17a,b) LONGITUDE:	W	85.19227	<b>DEGREES</b>	(10
(98a) BORDER BRIDGE STATE CODE:			N/A	(26
(98b) PERCENT SHARE:			N/A	(10

(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 A	AND DECK PROTECTION

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE:

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

ASPHALT

NONE

NONE

#### AGE AND SERVICE \*

1936	(27) YEAR THE BRIDGE WAS BUILT:
N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
Y-PEDESTRIAN	(42a) SERVICE ON BRIDGE: HIGHW
RAILROAD	(42b) UNDER BRIDGE:
2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA

117.1 FT	(49) TOTAL BRIDGE LENGTH:
4.9 FT	(50a) LEFT SIDEWALK WIDTH:
4.9 FT	(50b) RIGHT SIDEWALK WIDTH:
24 FT	(51) BRIDGE CURB TO CURB WIDTH:
36.4 FT	(52) BRIDGE OUT TO OUT WIDTH:
34.1 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
15 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
'AY: <b>29.2 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
BENEATH BRIDGE	(54a) VERT UNDERCLR: RAILROAD

(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 21.03 FT

(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE

(55b) MIN HORZ UNDERCLR ON RIGHT: 7.55 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

PUBLICATION DATE 19-Mar-20

(48) MAXIMUM SPAN LENGTH:

 CLASSIFICATION = 12) MEETS NBIS BRIDGE LENGTH: YES 04) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (6) FUNCTIONAL CLASS: **URBAN PRINCIPAL ARTERIAL** 01) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY 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

## - DESIGN LOAD AND WEIGHT POSTING

(61) STREAM CHANNEL AND CHANNEL PROTECTION:

(62) CULVERT CONDITION (IF APPLICABLE):

H-15-44	(31) DESIGN LOADING:
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):
ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):
5	(70) BRIDGE POSTING CODE:
	(44) 447 50071140 0747140

(41) WT POSTING STATUS: OPEN

(60) SUBSTRUCTURE:

#### **APPRAISAL**

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

#### RECOMMENDED IMPROVEMENTS

SE REPLACEMENT

	THE OF WORK. BRIDGE REPLACEMENT	(10)
147 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$1,485,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$149,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$2,228,000.00	TOTAL PROJECT COST:	(96)
2019	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	3/20/2019
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N



COUNTY: HAMILTON

ROUTE: SR320

LOG MILE: 1.74

BRIDGE ID NUMBER: 33S43070003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: E. BRAINERD RD. CROSSING: SMALL STREAM

LOCATION: 0.08 MI. E OF I-75 JCT.

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 85.0

SPECIAL CASE: 0

IDENTIFICAT	ION	_		
(16a,b) LATITUDE:	N	35.01708	DEGREES	(112) MEETS N
(17a,b) LONGITUDE:	W	85.17795	DEGREES	(104) NATIONA
(98a) BORDER BRIDGE STATE CODE:			N/A	(26) FUNCTIO
(98b) PERCENT SHARE:			N/A	(101) PARALLE
(99) BORDER BRIDGE NUMBER:		NOT AF	PPLICABLE	(102) TRAFFIC

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:

(48) MAXIMUM SPAN I FNGTH:

•	(10) HOMBER OF MEMORIA
0	(46) NUMBER OF APPROACH SPANS:
NOT APPLICABLE	(107) TYPE OF DECK:
K PROTECTION:	(108) TYPE OF WEARING SURFACE AND DECK
NOT APPLICABLE	A) TYPE OF SURFACE:
NOT APPLICABLE	B) TYPE MEMBRANE:
NOT APPLICABLE	C) TYPE PROTECTION

#### 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 =

3.0 1 1	(40) MAXIMONI OF AIR ELIVOTTI.
38.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
<b>UNDER FILL</b>	(51) BRIDGE CURB TO CURB WIDTH:
<b>UNDER FILL</b>	(52) BRIDGE OUT TO OUT WIDTH:
67.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
25 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
O RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD: NC
/: <b>38.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:
Y OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHWAY

GHWAY OR RAILROAD	DERCLR: NOT A F	(54a)
NOT APPLICABLE	ICAL UNDERCLEARANCE:	(54b)
GHWAY OR RAILROAD	DERCLR: NOT A F	(55a)
NOT APPLICABLE	UNDERCLR ON RIGHT:	(55b)
NOT APPLICABLE	UNDERCLR ON LEFT:	(56)

## NAVIGATION DATA

(38)	NAV CONTROL:	NO NAVIGATION CONTROL
(39)	NAVIGATION VERTICAL CLEARA	NCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

 CLASSIFICATION — NBIS BRIDGE LENGTH: YES AL HIGHWAY SYSTEM: **NOT A NHS ROUTE** ONAL CLASS: **URBAN PRINCIPAL ARTERIAL** .EL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY 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 =

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

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

#### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	NOT APPLICABLE

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

Q R FT

**NOT APPLICABLE** 

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

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



YES

Ν

Ν

Ν

6

7

7

2

N

7

8

8

2019

1001

HS-20-44

ALL LEGAL LOADS

ALL LEGAL LOADS

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 33S43070005 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR320 FIPS CODE: 14000 SPECIAL CASE: 0 ROAD NAME: E. BRAINERD RD. COUNTY SEQUENCE: 1 CROSSING: MACKEY BRANCH LOG MILE: 3.47 LOCATION: 1.81 MI. E OF I-75 JCT. SUFFICIENCY RATING: 67.3 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.00722 DEGREES (17a,b) LONGITUDE: w 85.15355 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN PRINCIPAL ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING UNKNOWN C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1992 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (41) WT POSTING STATUS: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 18.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 58.1 FT (72) APPROACH ROADWAY ALIGNMENT: 4.9 FT (36) TRAFFIC SAFETY FEATURES: 5.2 FT (113) SCOUR CONDITION RATING: 59.7 FT

(50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH:

68.9 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 60.0 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: 59.7 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

(54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** 

(55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

(56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

# **NAVIGATION DATA**

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

(40) NAVIGATION HORZ CLEARANCE:

N/A

# RECOMMENDED IMPROVEMENTS

**BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: NEEDED)

(76) LENGTH OF BRIDGE IMPROVEMENT: 58.1 FT (94) BRIDGE IMPROVEMENT COST: \$212,000.00 (95) ROADWAY IMPROVEMENT COST: \$22,000.00 (96) TOTAL PROJECT COST: \$319,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES

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



COUNTY: HAMILTON

ROUTE: SR320

LOG MILE: 7.22

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 33S43070007

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 14000

ROAD NAME: E. BRAINERD RD. CROSSING: HURRICANE CREEK

LOCATION: 0.05 ML W.OE SP. 224 LCT	LUG MILE: 7.22	
LOCATION: 0.05 MI. W OF SR-321 JCT. SUFFICIENCY RATING: 92.9		
IDENTIFICATION ————————————————————————————————————		
(16a,b) LATITUDE: N 35.00008 DEGRE	ES (112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: <b>W</b> 85.09558 <b>DEGRE</b>	ES (104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE:	N/A (26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL	
(98b) PERCENT SHARE:	N/A (101) PARALLEL BRIDGE: NO PARALLEL BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICAE	BLE (102) TRAFFIC DIR: 2-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE  (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED		
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS:	0 (58) DECK: N	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLA	(FO) CLIDEDSTDLICTURE.	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: N	
A) TYPE OF SURFACE:  ASPHA	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
,	NE (62) CULVERT CONDITION (IF APPLICABLE): 7	
,	NE DESIGN LOAD AND WEIGHT POSTING	
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44	
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
` '	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
(42a) SERVICE ON BRIDGE: HIGHW	(70) BRIDGE POSTING CODE: 5	
(42b) UNDER BRIDGE: WATERW	(41) WT POSTING STATUS: <b>OPEN</b>	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	APPRAISAL —	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	0 (67) STRUCTURAL EVALUATION: 7	
GEOMETRIC DATA	(68) DECK GEOMETRY: 9	
(48) MAXIMUM SPAN LENGTH: 12.1	(69) UNDERCLEARANCE RATING: N	
(49) TOTAL BRIDGE LENGTH: 48.9	(71) WATERWAY ADEQUACY 7	
(50a) LEFT SIDEWALK WIDTH: 0.0	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50b) RIGHT SIDEWALK WIDTH: 0.0	(36) TRAFFIC SAFETY FEATURES: 0N00	
(51) BRIDGE CURB TO CURB WIDTH: 44.3	(113) SCOUR CONDITION RATING: 8	
(52) BRIDGE OUT TO OUT WIDTH: 48.6	PECOMMENDED IMPROVEMENTS ———	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0	(75) TYPE OF WORK: NOT APPLICABLE	
(33) BRIDGE MEDIAN: NO MED	(76) LENCTH OF PRIDCE IMPROVEMENT:	
(34) BRIDGE SKEW: 0 DEGRE	(04) PRIDCE IMPROVEMENT COST:	
(35) BRIDGE FLARE: NO FLA	(O.E.) DO A DIALANY INADDON/EMENT OCCUT	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICT	(06) TOTAL DDO IECT COST:	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 44.0	FT (97) YEAR OF IMPROVEMENT COST ESTIMATE:	
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILRO	AD INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICAE	BLE (90) DATE OF LAST REGULAR INSPECTION: 3/5/2019	
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILRO	AD (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICAE	BLE (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A	
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICATE	BLE (92b) UNDERWATER INSP FREQUENCY (MONTHS):	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(38) NAV CONTROL: NO NAVIGATION CONTR	OL (92c) SPECIAL INSP FREQUENCY (MONTHS):	
(00) NAVIOATIONI (EDTIOAL OLEADANIOE	· · · · · · · · · · · · · · · · · · ·	

N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST This document is covered by 23 USC §409 and its production pursuant to a public document records request does not waive the provisions of §409



BRIDGE ID NUMBER: 33S44270009 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR321
FIPS CODE: 00000 SPECIAL CASE: 0
ROAD NAME: OOLTEWAH-RINGGOLD RD. COUNTY SEQUENCE: 1
CROSSING: JOHNSON BRANCH LOG MILE: 0.32
LOCATION: 0.32 MI.N.OF GEORGIA LINE SUFFICIENCY RATING: 71.5

EGOTTION: 0.92 IIII.N.O. TIO		
IDENTIFICATION ————————————————————————————————————		
(16a,b) LATITUDE: N 34.99108 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 85.09652 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL	
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
(43a) MAIN SPAN MATERIAL: <b>CONCRETE CONTINUOUS</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(45) NUMBER OF MAIN ORANG	———— CONDITION RATINGS	
(45) NUMBER OF MAIN SPANS:	(58) DECK: N	
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: N	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: N	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE:  ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 5	
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): 7	
C) TYPE PROTECTION: NONE	— DESIGN LOAD AND WEIGHT POSTING —	
	(31) DESIGN LOADING: H-15-44	
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 1930	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5	
(42a) SERVICE ON BRIDGE: HIGHWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(42b) UNDER BRIDGE: WATERWAY	APPRAISAL —	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7	
	(68) DECK GEOMETRY: 2	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:	
(48) MAXIMUM SPAN LENGTH: 9.8 FT	(71) WATERWAY ADEQUACY: 8	
(49) TOTAL BRIDGE LENGTH: 50.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 6	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 23 FT	(113) SCOUR CONDITION RATING: 8	
(52) BRIDGE OUT TO OUT WIDTH: 27.6 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 20.0 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 50.9 FT	
(34) BRIDGE SKEW: 20 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$207,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$21,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$311,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 23.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018	
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 12/5/2018	
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A	
(56) MIN HORZ UNDERCLR ON LEFT: <b>NOT APPLICABLE</b>	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(38) NAV CONTROL: NO NAVIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS): N	

N/A

N/A

N/A

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST

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document records request does not
waive the provisions of §409

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: HAMILTON

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12/5/2018

HS-20-44

ROUTE: SR321

LOG MILE: 1.58

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 83.7

BRIDGE ID NUMBER: 33011430003

BRIDGE OWNER: STATE OF TENNESSEE

FIPS CODE: 00000

ROAD NAME: OOLTEWAH-RINGGOLD RD.

CROSSING: HURRICANE CREEK

LOCATION: 0.65 MI. N OF SR-320 JCT.

IDENTIFICATION —		CLASSIFICAT	ION ———	
(16a,b) LATITUDE:	N	35.00858 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	85.09063 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	<b>URBAN MINOR ARTERIAL</b>
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE:	NOT APPLICABLE	
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS		(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK	

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

# (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS

(45) NUMBER OF MAIN SPANS:	2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:
(107) TYPE OF DECK: CONC	RETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DE	CK PROTECTION:	(60) SUBSTRUCTURE:

(61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE):

B) TYPE MEMBRANE: UNKNOWN DESIGN LOAD AND WEIGHT POSTING UNKNOWN C) TYPE PROTECTION:

# (31) DESIGN LOADING:

AGE AND SERVICE -WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1990 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS** (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (70) BRIDGE POSTING CODE:

**HIGHWAY** (42a) SERVICE ON BRIDGE:

(41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

(67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA

(69) UNDERCLEARANCE RATING: N (48) MAXIMUM SPAN LENGTH: 9.8 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 21.0 FT (72) APPROACH ROADWAY ALIGNMENT:

(50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: 0N11 (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING:

RECOMMENDED IMPROVEMENTS 47.6 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** 

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (33) BRIDGE MEDIAN: **NO MEDIAN** 

(94) BRIDGE IMPROVEMENT COST:

(34) BRIDGE SKEW: 45 DEGREES (95) ROADWAY IMPROVEMENT COST:

40 FT

(35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD:

(97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT

INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (90) DATE OF LAST REGULAR INSPECTION:

(55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** 24 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

(56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): **NOT APPLICABLE** Ν (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A NAVIGATION DATA =

(38) NAV CONTROL: (92c) SPECIAL INSP FREQUENCY (MONTHS): **NO NAVIGATION CONTROL** Ν

(116) LIFT BRIDGE VERT CLEARANCE: N/A PUBLIC RECORDS REQUEST (40) NAVIGATION HORZ CLEARANCE: N/A This document is covered by 23 USC §409 and its production pursuant to a public

N/A

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PRODUCED PURSUANT TO

(39) NAVIGATION VERTICAL CLEARANCE:

(51) BRIDGE CURB TO CURB WIDTH:



BRIDGE ID NUMBER: 33011430005 COUNTY: HAMILTON
BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR321
FIPS CODE: 16300 SPECIAL CASE: 0
ROAD NAME: OOLTEWAH-RINGGOLD RD. COUNTY SEQUENCE: 1

CROSSING: **WOLFTEVER CREEK**LOCATION: **0.14 MI. N OF SR-317 JCT.**SUFFICIENCY RATING: **76.3** 

LOCATION: 0.14 MI. N OF SR-317 JCT.	SUFFICIENCY RATING: 76.3
IDENTIFICATION	
(16a,b) LATITUDE: N 35.06158 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 85.06632 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	(58) DECK: 7
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: 7
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: EPOXY COATED REINFORCING	DESIGN LOAD AND WEIGHT POSTING
,	(31) DESIGN LOADING: HS-20-44
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1998	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN (42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: WATERWAY	ADDDAICAL
(28a) NI IMPED OF LANES CADDIED BY RDIDGE:	APPRAISAL ————
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES LINDER THE BRIDGE	(67) STRUCTURAL EVALUATION: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  71.2 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 4
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 71.2 FT  (49) TOTAL BRIDGE LENGTH: 215.2 FT	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 4 (69) UNDERCLEARANCE RATING: N
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 71.2 FT  (49) TOTAL BRIDGE LENGTH: 215.2 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  71.2 FT  (49) TOTAL BRIDGE LENGTH:  215.2 FT  (50a) LEFT SIDEWALK WIDTH:  0.0 FT  (50b) RIGHT SIDEWALK WIDTH:  0.0 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>(72) APPROACH ROADWAY ALIGNMENT:</li> <li>8</li> </ul>
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 39.4 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>(72) APPROACH ROADWAY ALIGNMENT:</li> <li>(36) TRAFFIC SAFETY FEATURES:</li> <li>1000</li> </ul>
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  71.2 FT  (49) TOTAL BRIDGE LENGTH:  215.2 FT  (50a) LEFT SIDEWALK WIDTH:  0.0 FT  (50b) RIGHT SIDEWALK WIDTH:  0.0 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>(72) APPROACH ROADWAY ALIGNMENT:</li> <li>(36) TRAFFIC SAFETY FEATURES:</li> <li>(1000)</li> <li>(113) SCOUR CONDITION RATING:</li> <li>8</li> </ul>
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.4 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS)
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN:  NO MEDIAN	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.4 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 215.2 FT
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.4 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES NO FLARE	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       4         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1000         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       215.2 FT         (94) BRIDGE IMPROVEMENT COST:       \$55,000.00
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.4 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       4         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1000         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       215.2 FT         (94) BRIDGE IMPROVEMENT COST:       \$55,000.00         (95) ROADWAY IMPROVEMENT COST:       \$6,000.00
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.4 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES NO FLARE	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       4         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1000         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       215.2 FT         (94) BRIDGE IMPROVEMENT COST:       \$55,000.00         (95) ROADWAY IMPROVEMENT COST:       \$6,000.00         (96) TOTAL PROJECT COST:       \$83,000.00
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (52) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.4 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 39.4 FT	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       4         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1000         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       215.2 FT         (94) BRIDGE IMPROVEMENT COST:       \$55,000.00         (95) ROADWAY IMPROVEMENT COST:       \$6,000.00         (96) TOTAL PROJECT COST:       \$83,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.4 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 39.4 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (1000 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (97) STRUCTURAL EVALUATION: (98) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (98) INSPECTION DATES
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 71.2 FT (49) TOTAL BRIDGE LENGTH: 215.2 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 39.4 FT (52) BRIDGE CURB TO CURB WIDTH: 51.2 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: 39.4 FT (54a) VERT UNDERCLE: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (1000 (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 12/5/2018
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 71.2 FT (49) TOTAL BRIDGE LENGTH: 215.2 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 39.4 FT (52) BRIDGE CURB TO CURB WIDTH: 51.2 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: 39.4 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION:       7         (68) DECK GEOMETRY:       4         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       1000         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       215.2 FT         (94) BRIDGE IMPROVEMENT COST:       \$55,000.00         (95) ROADWAY IMPROVEMENT COST:       \$6,000.00         (96) TOTAL PROJECT COST:       \$83,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       12/5/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 71.2 FT (49) TOTAL BRIDGE LENGTH: 215.2 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 39.4 FT (51) BRIDGE CURB TO CURB WIDTH: 51.2 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: 39.4 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (86) TRAFFIC SAFETY FEATURES: (1000) (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

N/A

N/A

N/A

PUBLIC RECORDS REQUEST
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and its production pursuant to a public
document records request does not
waive the provisions of §409

PRODUCED PURSUANT TO

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



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H-15-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 33011430009 COUNTY: HAMILTON BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR321 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: OOLTEWAH-RINGGOLD RD. COUNTY SEQUENCE: 1 CROSSING: LITTLE WOLFTEVER CREEK LOG MILE: 6.77 LOCATION: 0.31 MI. S OF SR-2 JCT. SUFFICIENCY RATING: 94.1 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.07835 DEGREES (17a,b) LONGITUDE: 85.05985 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **URBAN MINOR ARTERIAL** (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS CONTINUOUS NOT BEEN DETERMINED (44a) APPR SPAN MATERIAL: NOT APPLICABLE CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1936 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 2005 (70) BRIDGE POSTING CODE: **HIGHWAY** (42a) SERVICE ON BRIDGE: (41) WT POSTING STATUS: OPEN (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 33.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 99.4 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 37.4 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 39.4 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 36.1 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 37.5 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR): NAVIGATION DATA (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE: