

BRIDGE ID NUMBER: 47004780005
BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: **RIVERSIDE DR.**CROSSING: **WILLIAMS CREEK** 

LOCATION: RIVERSIDE DR-AT CITY LMTS

COUNTY: KNOX
ROUTE: 01124
SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 1.21

SUFFICIENCY RATING: 77.8

IDENTIFICATION	
(16a,b) LATITUDE: N 35.97013 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.88233 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
	(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: <b>NOT APPLICABLE</b>	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 1	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 5
(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: 7
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: OTHER OR UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT: 1925	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: OPEN
(42b) UNDER BRIDGE: WATERWAY	` '
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	ALLIVAL
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 23.0 FT	(71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH: 33.1 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: ONNN
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: 8
(51) BRIDGE CURB TO CURB WIDTH: 38.1 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 40.7 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 23.0 FT	(76) LENGTH OF BRIDGE IMPROVEMENT: 33.1 FT
(33) BRIDGE MEDIAN: NO MEDIAN	(94) BRIDGE IMPROVEMENT COST: \$217,000.00
(34) BRIDGE SKEW: 15 DEGREES (35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$22,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$326,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 38.1 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: 6/19/2018
(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
NAVIGATION DATA	(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

N/A

N/A

PUBLICATION DATE 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



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H-15-44

BRIDGE ID NUMBER: 47S24080001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 01124 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: BOYDS BRIDGE PK. COUNTY SEQUENCE: 1 CROSSING: STRAWBERRY / H. RIV&RD LOG MILE: 2.93 LOCATION: STRAWBERRY PLNS RD SUFFICIENCY RATING: 53.3 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.98478 DEGREES (17a,b) LONGITUDE: 83.85877 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: STEEL CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: CONCRETE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: (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: NONE (31) DESIGN LOADING: AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1949 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: **WEIGHT POSTED HIGHWAY-WATERWAY** (42b) UNDER BRIDGE: **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: 200.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 855.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 24.3 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 31.2 FT (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 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: 15.09 FT (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 24.3 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 25.03 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 = (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



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H-15-44

BRIDGE ID NUMBER: 47S24080003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01124 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: STRAWBERRY PLAINS PK. COUNTY SEQUENCE: 1 CROSSING: SWAN POND CREEK LOG MILE: 4.81 LOCATION: STRAWBERRY PLAINS RD SUFFICIENCY RATING: 84.3 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.97930 DEGREES (17a,b) LONGITUDE: 83.83237 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR 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: (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: **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: 1955 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: 15.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 33.1 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: 31.5 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 33.5 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 21.0 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: 31.5 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 (38) NAV CONTROL: **NO NAVIGATION CONTROL** (92c) SPECIAL INSP FREQUENCY (MONTHS): (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: KNOX

ROUTE: 01135

LOG MILE: 1.58

BRIDGE ID NUMBER: 47E00470001 BRIDGE OWNER: KNOX COUNTY SPECIAL CASE: 0

FIPS CODE: 00000 ROAD NAME: CHOTO RD. CROSSING: BRANCH

LOCATION: IN SW CORNER OF COUNTY

IDENTIFICATION

### CLASSIFICATION =

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 98.8

			0	•
(16a,b) LATITUDE:	N	35.83323 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	84.17382 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NO
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	RURAL MINO
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PAR

20.0 FT

N/A

NOT APPLICABLE

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(99) BORDER BRIDGE NUMBER:

(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 •

1950
N/A
HIGHWAY
WATERWAY
2
0

## GEOMETRIC DATA -

49.2 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:
18.0 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>21.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADWA

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

## NAVIGATION DATA =

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

(40) NAVIGATION HORZ CLEARANCE:

YES OT A NHS ROUTE IOR COLLECTOR RALLEL BRIDGE (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** 

CONDITION DATINGS

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	CONDITION KATINGS	
(58) DECK:		

(59) SUPERSTRUCTURE:	N
(60) SUBSTRUCTURE:	N
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
(62) CUI VERT 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:
N	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
7	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
0NNN	(36) TRAFFIC SAFETY FEATURES:
8	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	NOT APPLICABLE
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(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	4/27/2018
(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
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N



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HS-20-44

BRIDGE ID NUMBER: 47E00470003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01135 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: S. NORTHSHORE DR. COUNTY SEQUENCE: 1 CROSSING: LITTLE TURKEY CREEK LOG MILE: 4.08 LOCATION: S OF FARRAGUT-CHEROKEE PA SUFFICIENCY RATING: 79.5 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.85322 DEGREES (17a,b) LONGITUDE: 84.14847 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR 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: 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: (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: 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 232.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 478.0 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: 30.2 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 32.2 FT (75) TYPE OF WORK: **BRIDGE DECK REPAIR** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 30.2 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: 30.2 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 PRODUCED PURSUANT TO

N/A

N/A

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:



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H-15-44

BRIDGE ID NUMBER: 47\$25020001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 01250 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: WESTLAND DR. COUNTY SEQUENCE: 1 CROSSING: FOURTH CREEK LOG MILE: 4.67 LOCATION: .10 M W OF SR332 SUFFICIENCY RATING: 88.7 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.92300 DEGREES (17a,b) LONGITUDE: 83.99642 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: (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: 1965 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: 4 (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: 38.1 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: 65.9 FT RECOMMENDED IMPROVEMENTS 69.6 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 54.1 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: 65.9 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:



YES

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NN<sub>0</sub>0

37.1 FT

2018

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N/A

N/A

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\$253,000.00

\$26,000.00

\$380,000.00

5/9/2018

BRIDGE ID NUMBER: 47\$24050003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01252 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: BALL CAMP PK. COUNTY SEQUENCE: 1 CROSSING: MEADOW CREEK LOG MILE: 0.92 LOCATION: SE OF SR62-SR131 SUFFICIENCY RATING: 77.2 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.96035 DEGREES (17a,b) LONGITUDE: 84.10873 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: 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: **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: OTHER OR UNKNOWN AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1974 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: 13.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 37.1 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: 20.0 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: (92c) SPECIAL INSP FREQUENCY (MONTHS): **NO NAVIGATION CONTROL** (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: 47\$24050005 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: BALL RD. CROSSING: GRASSY CREEK

LOCATION: BALL DR.-JUST S OFF SR62

COUNTY: KNOX

ROUTE: 01252

LOG MILE: 4.28

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 55.9

CLASSIFICATION •	
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IDENTIFICATIO	N			٠
(16a,b) LATITUDE:	N	35.98688	DEGREES	
(17a,b) LONGITUDE:	N	84.05933	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: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

(45) NUMBER OF MAIN SPANS: 1 (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** 

NONE

NONE

## AGE AND SERVICE \*\*

(27) YEAR THE BRIDGE WAS BUILT: 1950 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 24.0 FT 26.9 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: 20.3 FT (52) BRIDGE OUT TO OUT WIDTH: 22 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 15 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.3 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

#### NAVIGATION DATA **NO NAVIGATION CONTROL**

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

N ————	
YES	(112) MEETS NBIS BRIDGE LENGTH:
NOT A NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:
<b>URBAN COLLECTOR</b>	(26) FUNCTIONAL CLASS:
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:
2-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
OT ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE: N
_ SIGNIFICANCE HAS DETERMINED	` '

#### **CONDITION RATINGS**

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

### DESIGN LOAD AND WEIGHT POSTING

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

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

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 26.9 FT (94) BRIDGE IMPROVEMENT COST: \$155,000.00 (95) ROADWAY IMPROVEMENT COST: \$16,000.00 (96) TOTAL PROJECT COST: \$233,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/9/2018 (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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6/15/2018

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HS-20-44

BRIDGE ID NUMBER: 47\$24100005 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 01256 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: CENTRAL AVE. PK. COUNTY SEQUENCE: 1 CROSSING: KNOB FORK CREEK LOG MILE: 5.72 LOCATION: CENTRAL AVE-E OF 175 SUFFICIENCY RATING: 97.0 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 36.02542 DEGREES (17a,b) LONGITUDE: w 83.99097 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: 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 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: 2006 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: 3 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 22.6 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 69.9 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: 51.8 FT RECOMMENDED IMPROVEMENTS 59.4 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 59.4 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 45 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: 51.8 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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 47\$24100009 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000

> ROAD NAME: CENTRAL AVE. PK. CROSSING: BEAVER CREEK LOCATION: HEISKELL RD-W OF 175

COUNTY: KNOX ROUTE: 01256 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 7.14

SUFFICIENCY RATING: 74.8

LOCATION: HEISKELL RD-W OF 175	SUFFICIENCY RATING: 74.8	
IDENTIFICATION		
(16a,b) LATITUDE: N 36.03962 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 84.00615 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: 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: 2	———— 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: 6	
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
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: 1950	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: 2	APPRAISAL ————	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6	
GEOMETRIC DATA	(68) DECK GEOMETRY: 4	
(48) MAXIMUM SPAN LENGTH: 47.9 FT	(69) UNDERCLEARANCE RATING: N	
(49) TOTAL BRIDGE LENGTH: 106.6 FT	(71) WATERWAY ADEQUACY:  8 (72) ADDROACH BOADWAY ALICAMAENT.	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0111 (113) SCOUR CONDITION RATING: 8	
(51) BRIDGE CURB TO CURB WIDTH: 24 FT	RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: 28.9 FT		
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 21.0 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 106.6 FT	
(34) BRIDGE SKEW: 14 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$208,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$21,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$313,000.00	
(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: 6/20/2018	
(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 (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(38) NAV CONTROL: NO NAVIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS):	
(39) NAVIGATION VERTICAL CLEARANCE: N/A	(,	
(116) LIFT BRIDGE VERT CLEARANCE: N/A	PRODUCED PURSUANT TO	
1	PUBLIC RECORDS REQUEST	

N/A

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YES

\$55,000.00

6/20/2018

2018

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N/A

N/A

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\$814,000.00

**NOT A NHS ROUTE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 47S24100011 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01256 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: HEISKELL RD. COUNTY SEQUENCE: 1 CROSSING: BULL RUN CREEK LOG MILE: 10.37 LOCATION: HEISKELL RD-S OF SR170 SUFFICIENCY RATING: 75.9 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 36.06883 DEGREES (17a,b) LONGITUDE: w 84.04675 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: STEEL CONTINUOUS (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: NOT APPLICABLE (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: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1951 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: (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: 58.7 FT (71) WATERWAY ADEQUACY:

18.0 FT

(49) TOTAL BRIDGE LENGTH: 158.8 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 22 FT 26.6 FT (52) BRIDGE OUT TO OUT WIDTH:

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

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 10 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.0 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE NAVIGATION DATA** 

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

**NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED CONDITION RATINGS 5 7 6 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 6 (62) CULVERT CONDITION (IF APPLICABLE): Ν DESIGN LOAD AND WEIGHT POSTING H-15-44 ALL LEGAL LOADS ALL LEGAL LOADS **WEIGHT POSTED** 6 2 Ν 9 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 158.8 FT (94) BRIDGE IMPROVEMENT COST: \$542,000.00

(95) ROADWAY IMPROVEMENT 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:

INSPECTION DATES

(96) TOTAL PROJECT COST:



BRIDGE ID NUMBER: 47\$24100013 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: HEISKELL RD. CROSSING: BRANCH

LOCATION: HEISKELL RD-JUST S OF 170

COUNTY: KNOX ROUTE: 01256 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 11.11

SUFFICIENCY RATING: 73.7

#### IDENTIFICATION CLASSIFICATION =

(16a,b) LATITUDE:	N	36.07865	DEGREES	
(17a,b) LONGITUDE:	W	84.05138	<b>DEGREES</b>	
(98a) BORDER 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	S: 0
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE	AND DECK PROTECTION:
A) TYPE OF SURFACE:	ΔΩΡΗΔΙ Τ

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

AGE AND SERVICE		
1955	(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:	14.1 FT	
(49) TOTAL BRIDGE LENGTH:	31.8 FT	
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	
(51) BRIDGE CURB TO CURB WIDTH:	19.7 FT	
(52) BRIDGE OUT TO OUT WIDTH:	22 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	18.0 FT	

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 45 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 19 7 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

NAVIGATION DATA (38) NAV CONTROL: NO NAVIGATION CONTROL

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

STH: YES	(112) MEETS NBIS BRIDGE LEI
TEM: NOT A NHS ROUTE	(104) NATIONAL HIGHWAY SYS
RURAL MINOR COLLECTOR	(26) FUNCTIONAL CLASS:
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:
2-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
NOT ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUT
STORICAL SIGNIFICANCE HAS T BEEN DETERMINED	` '
N RATINGS ————	CONDITIO
N	(58) DECK:

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

DESIGN LOAD AND WEIGHT I	POSTING —
(31) DESIGN LOADING:	H-15-44
WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS

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: 2 (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 5 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1N11 (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 31.8 FT (94) BRIDGE IMPROVEMENT COST: \$151,000.00 (95) ROADWAY IMPROVEMENT COST: \$16,000.00 (96) TOTAL PROJECT COST: \$227,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/5/2018 (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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N/A

6/18/2018

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N/A

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BRIDGE ID NUMBER: 47\$25050001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01262 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: MASCOT PK. COUNTY SEQUENCE: 1 CROSSING: ROSEBERRY CREEK LOG MILE: 1.64 LOCATION: JUST W OF MASCOT SUFFICIENCY RATING: 96.9 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.06445 DEGREES (17a,b) LONGITUDE: w 83.75730 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR 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: 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: OTHER OR UNKNOWN AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1997 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: 85.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 253.9 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: 40 FT RECOMMENDED IMPROVEMENTS 42 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: 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: (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:



YES

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6

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5

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3

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0N00

72.8 FT

2018

24

N/A

N/A

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\$379,000.00

\$569,000.00

\$38,000.00

6/18/2018

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47\$25050003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01262 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: MASCOT PK. COUNTY SEQUENCE: 1 CROSSING: FLAT CREEK LOG MILE: 2.48 LOCATION: IN MASCOT SUFFICIENCY RATING: 54.8 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.06175 DEGREES (17a,b) LONGITUDE: 83.74573 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: 1 (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): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1927 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: 64.6 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 72.8 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: 17.7 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 19.4 FT **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 14.1 FT NEEDED) (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: 17.7 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** (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:



Ν

BRIDGE ID NUMBER: 47\$25050009 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: MASCOT PK. CROSSING: HOLSTON RIVER

LOCATION: N OF US11E-NEAR CO LINE

COUNTY: KNOX ROUTE: 01262

COUNTY SEQUENCE: 1 LOG MILE: 5.18 SUFFICIENCY RATING: 49.3

SPECIAL CASE: 0

LOCATION. N OF USTIE-NEAR GO LINE SUFFICIENCY RATING. 49.3	
IDENTIFICATION ————	CLASSIFICATION —
(16a,b) LATITUDE: N 36.05972 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.70405 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL MINOR 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: <b>NOT APPLICABLE</b>
(43a) MAIN SPAN MATERIAL: CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: CONCRETE	(37) HISTORICAL CLASS: BRIDGE IS ON THE NATIONAL REGISTER
(45) AHIMPER OF MAIN ORANG	——— CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	(58) DECK: 5
(46) NUMBER OF APPROACH SPANS: 5	(59) SUPERSTRUCTURE: 5
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: 5
(108) TYPE OF CUREACE.	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
A) TYPE OF SURFACE:  B) TYPE MEMBRANE:  NONE	(62) CULVERT CONDITION (IF APPLICABLE):
B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: OTHER OR UNKNOWN
	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 (42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: WATERWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
	(69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 222.4 FT	(71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH: 785.1 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1000
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 24.6 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 33.8 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: 785.1 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$9,677,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$968,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: 17.95 FT	(96) TOTAL PROJECT COST: \$14,516,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 24.6 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: 5/15/2018
(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): 10/2016
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): Y60
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 470D5760001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: MINE RD. CROSSING: FLAT CREEK

LOCATION: MINE RD-NEAR MASCOT

COUNTY: KNOX ROUTE: 01273 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.97

SUFFICIENCY RATING: 85.6

#### IDENTIFICATION CLASSIFICATION =

(16a,b) LATITUDE:	N	36.07763	DEGREES	
(17a,b) LONGITUDE:	W	83.74313	DEGREES	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	

(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL

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

(45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: 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: 1950 (106) YEAR THE BRIDGE WAS REHABILITATED: 1960 **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: 43.0 FT 86.3 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: 36.1 FT (52) BRIDGE OUT TO OUT WIDTH: 38.1 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 35.1 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: 36.1 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:

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

CONDITION RATINGS

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

DESIGN LOAD AND WEIGHT POSTING •

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

(41) WT POSTING STATUS: OPEN

**APPRAISAL** 

(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 6 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000

#### RECOMMENDED IMPROVEMENTS

U

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(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: 6/18/2018 (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



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BRIDGE ID NUMBER: 47012770001 COUNTY: KNOX BRIDGE OWNER: CITY OF FARRAGUT ROUTE: 01277 FIPS CODE: 25760 SPECIAL CASE: 0 ROAD NAME: CAMPBELL STATION RD. COUNTY SEQUENCE: 1 CROSSING: NORTH FORK TURKEY CREEK LOG MILE: 0.22 LOCATION: N OF US70 IN FARRAGUT SUFFICIENCY RATING: 81.4 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.88398 DEGREES (17a,b) LONGITUDE: 84.16213 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: 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: OTHER OR UNKNOWN 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: (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: 14.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 31.5 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: **UNDER FILL**  RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 59.1 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 45 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: 58.7 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): (39) NAVIGATION VERTICAL CLEARANCE: 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

(116) LIFT BRIDGE VERT CLEARANCE:



YES

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N/A

5/3/2018

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N/A

N/A

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HL-93

BRIDGE ID NUMBER: 47012770003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01277 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: CAMPBELL STATION RD. COUNTY SEQUENCE: 1 CROSSING: HICKORY CREEK LOG MILE: 3.08 LOCATION: CAMPBELL STA RD-N OF 140 SUFFICIENCY RATING: 82.0 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.90920 DEGREES (17a,b) LONGITUDE: 84.18597 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR 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 (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: 2014 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: **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: 20.8 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 20.8 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: 28.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 33.1 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: **60 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: 28.9 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 (39) NAVIGATION VERTICAL CLEARANCE: N/A PRODUCED PURSUANT TO

N/A

N/A

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PUBLIC RECORDS REQUEST

(116) LIFT BRIDGE VERT CLEARANCE:



YES

7

BRIDGE ID NUMBER: 47012770005 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: HARDIN VALLEY DR. CROSSING: PLUM CREEK

LOCATION: W OFF SR131-S OF SR62

COUNTY: KNOX ROUTE: 01277 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 8.75 SUFFICIENCY RATING: 80.7

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.95685 DEGREES

0

26.2 FT

NO RESTRICTION

N/A

(17a,b) LONGITUDE: 84.12718 DEGREES (98a) BORDER 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 **NOT APPLICABLE** (107) TYPE OF DECK:

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

**NOT APPLICABLE** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

C) TYPE PROTECTION:

(48) MAXIMUM SPAN LENGTH:

NONE

- AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1997 (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:

GEOMETRIC DATA

(49) TOTAL BRIDGE LENGTH: 56.8 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL** 

**UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 47.9 FT **NO MEDIAN** (33) BRIDGE MEDIAN:

(34) BRIDGE SKEW: **60 DEGREES** 

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

(520) MIN VERTICAL CLEARANCE OVER RD:

(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:

(104) NATIONAL HIGHWAY SYSTEM:

**NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR** 

(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

NATIONAL REGISTER

CONDITION RATINGS

(58) DECK: 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: (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: **NOT APPLICABLE** (76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/1/2018 (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: KNOX BRIDGE ID NUMBER: 47F00440001 BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 01281 SPECIAL CASE: 0 FIPS CODE: 00000 ROAD NAME: S. PETERS RD. COUNTY SEQUENCE: 1 CROSSING: TEN MILE CREEK LOG MILE: 0.96 LOCATION: EBENEZER RD-S OF US70 SUFFICIENCY RATING: 74.9

LOCATION: EBENEZER RD-S OF US70	SUFFICIENCY RATING: 74.9
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.90097 DEC	GREES (112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.07347 DEC	GREES (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 APPLIC	CABLE (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: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS:	0 (58) DECK: N
(107) TYPE OF DECK: NOT APPLIC	(FO) CURERCTRUCTURE.
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION	ADLL (A) OUR OTHER HOLD IN
A) TYPE OF SURFACE: NOT APPLIC	(CA) CTREAM CHANNEL AND CHANNEL PROTECTION:
B) TYPE MEMBRANE: NOT APPLIC	(CO) OUR VERT CONDITION (IF ARRUS LOAD) 5
C) TYPE PROTECTION: NOT APPLIC	
-,	(31) DESIGN LOADING: <b>HS-20-44</b>
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT:	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-PEDES	TRIAN (41) WT POSTING STATUS: OPEN
(42b) UNDER BRIDGE: WATE	RWAY APPRAISAL —
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	5
(28b) NUMBER OF LANES UNDER THE BRIDGE:	0 (67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY:
(48) MAXIMUM SPAN LENGTH:	2.8 FT (74) WATERWAY AREQUARY
(49) TOTAL BRIDGE LENGTH: 20	(71) WATERWAY ADEQUACY: 7 6.6 FT (72) APPROACH POARWAY ALIONMENT
(50a) LEFT SIDEWALK WIDTH:	(72) APPROACH ROADWAY ALIGNMENT: 8 1.9 FT (20) TRAFFIC CASETY FEATURES
(50b) RIGHT SIDEWALK WIDTH:	(36) TRAFFIC SAFETY FEATURES: NN00
(51) BRIDGE CURB TO CURB WIDTH: UNDE	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: UNDE	RECOMMENDED IMPROVEMENTS ———
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 55	5.8 FT (75) TYPE OF WORK: BRIDGE REHABILITATION
(33) BRIDGE MEDIAN: NO M	EDIAN (76) LENGTH OF BRIDGE IMPROVEMENT: 26.6 FT
(34) BRIDGE SKEW: 19 DEC	GREES (94) BRIDGE IMPROVEMENT COST: \$319,000.00
(35) BRIDGE FLARE: NO I	FLARE (95) ROADWAY IMPROVEMENT COST: \$32,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRI	CTION (96) TOTAL PROJECT COST: \$479,000.00
	5.8 FT (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAIL	ROAD INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLIC	CABLE (90) DATE OF LAST REGULAR INSPECTION: 4/25/2018
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAIL	ROAD (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLIC	CABLE (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLIC	CABLE (92b) UNDERWATER INSP FREQUENCY (MONTHS):
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: NO NAVIGATION CON	ITROL (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:



NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 47F00250001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01287 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: ROBERTS RD. COUNTY SEQUENCE: 1 CROSSING: ROSSBERRY CREEK LOG MILE: 1.02 LOCATION: ROBERTS RD-N OF US11W SUFFICIENCY RATING: 54.2 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.08312 DEGREES (17a,b) LONGITUDE: 83.78573 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: STEEL (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 1 (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: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1939 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: (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

0.0 FT

20 FT

22 FT

19.0 FT

(28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 48.9 FT (49) TOTAL BRIDGE LENGTH: 54.5 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH:

(33) BRIDGE MEDIAN: **NO MEDIAN** 30 DEGREES (34) BRIDGE SKEW: (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION** (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

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

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

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

**PUBLICATION DATE** 19-Mar-20

(50b) RIGHT SIDEWALK WIDTH:

(51) BRIDGE CURB TO CURB WIDTH:

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

(52) BRIDGE OUT TO OUT WIDTH:

CLASSIFICATION -YES **NOT A NHS ROUTE RURAL MINOR COLLECTOR NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED CONDITION RATINGS 7 6 6 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): Ν DESIGN LOAD AND WEIGHT POSTING OTHER OR UNKNOWN **ALL LEGAL LOADS** ALL LEGAL LOADS **WEIGHT POSTED** (67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 2 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N11 (113) SCOUR CONDITION RATING: U RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 54.5 FT (94) BRIDGE IMPROVEMENT COST: \$257,000.00

(95) ROADWAY IMPROVEMENT 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:

INSPECTION DATES

(96) TOTAL PROJECT COST:

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\$26,000.00

6/18/2018

2018

24

N/A

N/A

Ν

Ν

\$386,000.00



YES

7

7

7

Ν

Ν

7

9

9

Ν

8

Ν

N/A

3/16/2020

24

N/A

N/A

Ν

Ν

1000

HS-20-44

BRIDGE ID NUMBER: 47012890001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 01289 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: WASHINGTON PK. COUNTY SEQUENCE: 1 CROSSING: SOUTHERN RAILWAY LOG MILE: 0.18 LOCATION: WASHINGTON AVE-N OF 1640 SUFFICIENCY RATING: 91.2 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.03435 DEGREES (17a,b) LONGITUDE: 83.88798 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: 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: 1981 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: 4 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 59.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 180.1 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: 76.1 FT RECOMMENDED IMPROVEMENTS 94.2 FT (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: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: **8 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: 38.1 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 23.36 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 14.11 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

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



24.3 FT

2018

24

N/A

N/A

Ν

Ν

\$115,000.00

\$173,000.00

5/30/2018

\$12,000.00

BRIDGE ID NUMBER: 47S24120003 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: WASHINGTON PK. CROSSING: MURPHY CREEK

COUNTY: KNOX ROUTE: 01289 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 2.09

LOCATION: WASHINGTON PK-N OF CITY	SUFFICIENCY RATING: 71.2
IDENTIFICATION —	
(16a,b) LATITUDE: N 36.05510 DEGREES (17a,b) LONGITUDE: W 83.87037 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A (99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: (101) PARALLEL BRIDGE: (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE:  NO PARALLEL BRIDGE  NO PARALLEL BRIDGE  NOT APPLICABLE  NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(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:  B) TYPE MEMBRANE:  C) TYPE PROTECTION:  NONE  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT:  (106) YEAR THE BRIDGE WAS REHABILITATED:  (127) YEAR THE BRIDGE:  HIGHWAY  (12b) UNDER BRIDGE:  WATERWAY	(58) DECK: (59) SUPERSTRUCTURE: (N) (60) SUBSTRUCTURE: (N) (61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CULVERT CONDITION (IF APPLICABLE): (7)  DESIGN LOAD AND WEIGHT POSTING (31) DESIGN LOADING: (31) DESIGN LOADING
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	APPRAISAL  (67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 2
(48) MAXIMUM SPAN LENGTH:       10.2 FT         (49) TOTAL BRIDGE LENGTH:       24.3 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       24 FT         (52) BRIDGE OUT TO OUT WIDTH:       27.2 FT	(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1N11 (113) SCOUR CONDITION RATING: U RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS)
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 20.0 FT	(10) THE OF WORK. DRIDGE WIDERING (NO DECK REPAIRS

NO MEDIAN		(33) BRIDGE MEDIAN:
11 DEGREES		(34) BRIDGE SKEW:
NO FLARE		(35) BRIDGE FLARE:
O RESTRICTION	ARANCE OVER RD: NO	(520) MIN VERTICAL CLEA
′: <b>24.0 FT</b>	EARANCE ON ROADWAY:	(47) MIN HORIZONTAL CLE
Y OR RAILROAD	NOT A HIGHWAY	(54a) VERT UNDERCLR:
OT APPLICABLE	ERCLEARANCE: NO	(54b) MIN VERTICAL UNDE
Y OR RAILROAD	NOT A HIGHWAY	(55a) HORZ UNDERCLR:

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

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

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NEEDED)

INSPECTION DATES

(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:

## NATIONAL BRIDGE INVENTORY



TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 47S24120005 COUNTY: KNOX ROUTE: 01289 BRIDGE OWNER: KNOX COUNTY SPECIAL CASE: 0 FIPS CODE: 00000 ROAD NAME: WASHINGTON PK. COUNTY SEQUENCE: 1 CROSSING: ROSEBERRY CREEK LOG MILE: 6.12 LOCATION: WASHINGTON PK-N OF US11W SUFFICIENCY RATING: 59.8 IDENTIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.09278 DEGREES (17a,b) LONGITUDE: 83.81813 **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: 0 (59) SUPERSTRUCTURE: **NOT APPLICABLE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE (31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE:

23.3 FT

25.3 FT

40 A ET

NONE	C) THE PROTECTION.
	AGE AND SERVICE
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
14.1 FT	(48) MAXIMUM SPAN LENGTH:
32.2 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:

10.0 F1	CITROADWAT (W/ SILDS) WIDTH.	(32) F
NO MEDIAN	MEDIAN:	(33) E
0 DEGREES	SKEW:	(34) E
NO FLARE	FLARE:	(35) E
RESTRICTION	RTICAL CLEARANCE OVER RD: NO	(520)
21.3 FT	IZONTAL CLEARANCE ON ROADWAY:	(47) N
OR RAILROAD	NDERCLR: NOT A HIGHWAY	(54a)
T APPLICABLE	RTICAL UNDERCLEARANCE: NO	(54b)
OR RAILROAD	NDERCLR: NOT A HIGHWAY	(55a)
T APPLICABLE	RZ UNDERCLR ON RIGHT: NO	(55b)
T APPLICABLE	RZ UNDERCLR ON LEFT: NO	(56)

NAVIGATION DATA			
(38)	NAV CONTROL:	NO NAVIGATION CONTROL	
(39)	NAVIGATION VERTICAL CLEAR	RANCE: N/A	

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

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2018

**PUBLICATION DATE** 19-Mar-20

(51) BRIDGE CURB TO CURB WIDTH:

(32) APPROACH ROADWAY (W/ SHI DS) WIDTH-

(52) BRIDGE OUT TO OUT WIDTH:

CLASSIFICATION -YFS **NOT A NHS ROUTE RURAL MINOR COLLECTOR 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): 5 DESIGN LOAD AND WEIGHT POSTING OTHER OR UNKNOWN ALL LEGAL LOADS ALL LEGAL LOADS (41) WT POSTING STATUS: **OPEN APPRAISAL** (67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 2 (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 6 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: U RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 32.2 FT (94) BRIDGE IMPROVEMENT COST: \$133,000.00 (95) ROADWAY IMPROVEMENT COST: \$14,000.00 (96) TOTAL PROJECT COST: \$200,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/30/2018 (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: 47\$24120007
BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: **WASHINGTON PK.**CROSSING: **LITTLE FLAT CREEK** 

LOCATION: WASHINGTON PK-S OF CORRYT

COUNTY: KNOX
ROUTE: 01289
SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 9.44
SUFFICIENCY RATING: 77.6

### IDENTIFICATION — CLASSIFICATION

(16a,b) LATITUDE:	N	36.13062	DEGREES	
(17a,b) LONGITUDE:	W	83.78487	DEGREES	
(98a) BORDER 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	: <b>0</b>
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE A	AND DECK PROTECTION:

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

	AGE AND SERVICE —
1952	(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:	38.1 F	Ŧ.
(49) TOTAL BRIDGE LENGTH:	44.9 F	ŦΤ
(50a) LEFT SIDEWALK WIDTH:	0.0 F	Ŧ
(50b) RIGHT SIDEWALK WIDTH:	0.0 F	Ŧ
(51) BRIDGE CURB TO CURB WIDTH:	20 F	FT
(52) BRIDGE OUT TO OUT WIDTH:	23.3 F	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	18.0 F	=T

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 30 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20 0 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

## (38) NAV CONTROL: NO NAVIGATION CONTROL

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

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

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

IGHT POSTING ———	DESIGN LOAD AND WEIGH
OTHER OR UNKNOWN	(31) DESIGN LOADING:
: ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):
S): ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):

(70) BRIDGE POSTING CODE: 5
(41) WT POSTING STATUS: OPEN

## APPRAISAL

(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	2
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	7
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1N11
(113) SCOUR CONDITION RATING:	U

#### RECOMMENDED IMPROVEMENTS

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

	NEEDED)	
(76)	LENGTH OF BRIDGE IMPROVEMENT:	44.9 FT
(94)	BRIDGE IMPROVEMENT COST:	\$202,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$21,000.00
(96)	TOTAL PROJECT COST:	\$304,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2018
INSPECTION DATES		

(90) DATE OF LAST REGULAR INSPECTION: 5/30/2018
(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

6

5

5

7

Ν

5

4

N

7

8

U

1110

78.4 FT

2019

24

N/A

N/A

Ν

Ν

\$195,000.00

\$293,000.00

\$20,000.00

5/30/2018

BRIDGE ID NUMBER: 47S24120009 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 01289 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: WASHINGTON PK. COUNTY SEQUENCE: 1 CROSSING: BIG FLAT CREEK LOG MILE: 11.45 LOCATION: SW OF SR61-331 JCT-SUFFICIENCY RATING: 54.8 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.14233 DEGREES (17a,b) LONGITUDE: w 83.75297 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: **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): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1940 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: **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: 76.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 78.4 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: 24.3 FT RECOMMENDED IMPROVEMENTS 27.6 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 FT NEEDED) (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: 24.3 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** (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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX

BRIDGE ID NUMBER: 47012930001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: LOYSTON RD. CROSSING: BULL RUN CREEK

LOCATION: W OF SR33 ON COUNTY LINE

ROUTE: 01293 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 1.41 SUFFICIENCY RATING: 74.6

LOCATION. W OF SK33 ON COUNTY LINE	SUFFICIENCY RATING. 14.0
IDENTIFICATION	CLASSIFICATION —
(16a,b) LATITUDE: N 36.17272 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.92727 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL MINOR 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: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
CONTINUOUS	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 3	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 6
(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: 7
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1965	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: 2	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 5
(48) MAXIMUM SPAN LENGTH: 43.6 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 130.2 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: 1000
(51) BRIDGE CURB TO CURB WIDTH: 28.2 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 34.4 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 21.0 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 30 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: 28.2 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: 6/7/2018
(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	
(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:



YES

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2

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0N11

42 FT

2018

24

N/A

N/A

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\$141,000.00

\$212,000.00

\$15,000.00

3/12/2020

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47023990001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02399 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: MIDWAY RD. COUNTY SEQUENCE: 1 CROSSING: TUCKAHOE CREEK LOG MILE: 1.21 LOCATION: MIDWAY RD-S OF I40 SUFFICIENCY RATING: 72.8 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.97795 DEGREES (17a,b) LONGITUDE: w 83.68955 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: 1 (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): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1926 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: **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: 40.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 42.0 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: 20.3 FT RECOMMENDED IMPROVEMENTS 23.6 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 14 DEGREES (95) ROADWAY IMPROVEMENT COST: (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: 20.3 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** (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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

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N/A

3/12/2020

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N/A

N/A

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NN<sub>0</sub>0

HS-20-44

BRIDGE ID NUMBER: 47023990003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02399 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: MIDWAY RD. COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 1.53 LOCATION: MIDWAY RD-S OF I40 SUFFICIENCY RATING: 98.5 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.98085 DEGREES (17a,b) LONGITUDE: w 83.69375 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR 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: (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: **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): 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: **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: 14.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 31.2 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: 22.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 45 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: 27.9 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): (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



YES

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N/A

5/29/2018

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N/A

N/A

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BRIDGE ID NUMBER: 47024070003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02407 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: CIRCLE RD. COUNTY SEQUENCE: 1 CROSSING: ZACHARY BRANCH LOG MILE: 1.02 LOCATION: CIRCLE RD-N OF US11W SUFFICIENCY RATING: 91.2 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 36.12983 DEGREES (17a,b) LONGITUDE: 83.74162 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR 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: 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: **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: OTHER OR UNKNOWN AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1974 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: 14.4 FT (71) WATERWAY ADEQUACY: 31.5 FT (49) TOTAL BRIDGE LENGTH: (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: 18.0 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: 18.0 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** 

> 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):

(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



BRIDGE ID NUMBER: 47024100001
BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

(4C- K) | ATITUDE

ROAD NAME: MARTIN MILL PK.
CROSSING: STOCK CREEK

LOCATION: MARTIN MILL RD-E OF US129

IDENTIFICATION

COUNTY: KNOX
ROUTE: 02410
SPECIAL CASE: 0
COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 57.9

LOG MILE: 3.14

(16a,b) LATITUDE:	N	35.87813	DEGREES	
(17a,b) LONGITUDE:	W	83.89570	<b>DEGREES</b>	
(98a) BORDER BRIDGE STATE CODE:			N/A	
(98b) PERCENT SHARE:			N/A	
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE		
BRIDGE TYPE AND MATERIAL				
(43a) MAIN SPAN MATERIAL: CONCRE	TE			
(44a) APPR SPAN MATERIAL: NOT APP	LICA	BLE		

(45) NUMBER OF MAIN SPANS: 1
(46) NUMBER OF APPROACH SPANS: 0
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE

(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
A) TYPE OF SURFACE:
B) TYPE MEMBRANE:
NONE
C) TYPE PROTECTION:
NONE

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

GEOMETRIC DATA

 (48) MAXIMUM SPAN LENGTH:
 30.5 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:
 20.3 FT

 (52) BRIDGE OUT TO OUT WIDTH:
 22.3 FT

 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
 18.0 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: 20.7 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

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

CLASSIFICATION •

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

### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: WEIGHT POSTED

#### **APPRAISAL**

	71110110712
5	(67) STRUCTURAL EVALUATION:
2	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
6	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
0000	(36) TRAFFIC SAFETY FEATURES:
U	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

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

 (76)
 LENGTH OF BRIDGE IMPROVEMENT:
 33.1 FT

 (94)
 BRIDGE IMPROVEMENT COST:
 \$123,000.00

 (95)
 ROADWAY IMPROVEMENT COST:
 \$13,000.00

 (96)
 TOTAL PROJECT COST:
 \$185,000.00

 (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):

(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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N/A

4/19/2018

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HS-20-44

BRIDGE ID NUMBER: 47024160003 COUNTY: KNOX BRIDGE OWNER: CITY OF FARRAGUT ROUTE: 02416 FIPS CODE: 25760 SPECIAL CASE: 0 ROAD NAME: TURKEY CREEK RD. COUNTY SEQUENCE: 1 CROSSING: LITTLE TURKEY CREEK LOG MILE: 1.37 LOCATION: IN FARRAGUT-S OF US70 SUFFICIENCY RATING: 90.6 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.85372 DEGREES (17a,b) LONGITUDE: 84.17568 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: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 47.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 53.8 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: 27.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 40 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 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: 27.9 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

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

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N/A

4/19/2018

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N/A

N/A

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BRIDGE ID NUMBER: 47024160005 COUNTY: KNOX BRIDGE OWNER: CITY OF FARRAGUT ROUTE: 02416 FIPS CODE: 25760 SPECIAL CASE: 0 ROAD NAME: TURKEY CREEK RD. COUNTY SEQUENCE: 1 CROSSING: TURKEY CREEK LOG MILE: 3.88 LOCATION: IN E FARRAGUT-S OF US70 SUFFICIENCY RATING: 81.8 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.87040 DEGREES (17a,b) LONGITUDE: 84.14723 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 (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: OTHER OR UNKNOWN AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1945 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1998 (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: 64.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 65.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 5.2 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT RECOMMENDED IMPROVEMENTS 36.7 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 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: 27.9 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

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 47024200001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: YARNELL RD. CROSSING: HICKORY CREEK

LOCATION: VARNELL DO NOE MA

COUNTY: KNOX ROUTE: 02420 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 5.33 SLIFFICIENCY RATING: 60 0

LOCATION: YARNELL RD-N OF I40	LOCATION: YARNELL RD-N OF 140		
IDENTIFICATION —		CLASSIFICATION —	
	2 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
	3 DEGREES	` '	NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS: RURAL MINOR	
(98b) PERCENT SHARE:	N/A		LEL BRIDGE
	APPLICABLE		AY TRAFFIC
	AFFLICABLE		APPLICABLE
BRIDGE TYPE AND MATERIAL		(110) NATIONAL TRUCK ROUTE: NOT ON TRUC	
(43a) MAIN SPAN MATERIAL: CONCRETE		(37) HISTORICAL CLASS: HISTORICAL SIGNIFICAN	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE		NOT BEEN DETERMINED	
(45) NILIMPED OF MAIN OBANG		———— CONDITION RATINGS	
(45) NUMBER OF MAIN SPANS:	1	(58) DECK:	7
(46) NUMBER OF APPROACH SPANS:	0	(59) SUPERSTRUCTURE:	5
(107) TYPE OF DECK: CONCRETE PREC		(60) SUBSTRUCTURE:	6
(108) TYPE OF WEARING SURFACE AND DECK PROT		(61) STREAM CHANNEL AND CHANNEL PROTECTION:	_
A) TYPE OF SURFACE:	ASPHALT	(62) CULVERT CONDITION (IF APPLICABLE):	, N
B) TYPE MEMBRANE:	NONE	DESIGN LOAD AND WEIGHT POSTIN	
C) TYPE PROTECTION:	NONE		
AGE AND SERVICE			R UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT:	1966	,	EGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A	,	EGAL 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:	5
GEOMETRIC DATA		(68) DECK GEOMETRY:	3
(48) MAXIMUM SPAN LENGTH:	24.9 FT	(69) UNDERCLEARANCE RATING:	N
(49) TOTAL BRIDGE LENGTH:	26.9 FT	(71) WATERWAY ADEQUACY:	6
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	0N00
(51) BRIDGE CURB TO CURB WIDTH:	20.3 FT	(113) SCOUR CONDITION RATING:	U
(52) BRIDGE OUT TO OUT WIDTH:	21.3 FT	RECOMMENDED IMPROVEMENTS	· —
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	19.0 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DEC NEEDED)	K REPAIRS
(33) BRIDGE MEDIAN:	NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	26.9 FT
(34) BRIDGE SKEW:	0 DEGREES	(94) BRIDGE IMPROVEMENT COST:	\$86,000.00
(35) BRIDGE FLARE:	NO FLARE	(95) ROADWAY IMPROVEMENT COST:	\$9,000.00
	ESTRICTION	(96) TOTAL PROJECT COST:	\$130,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:	20.3 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2018
(54a) VERT UNDERCLR: NOT A HIGHWAY O	R RAILROAD	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT	APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION:	5/3/2018
(55a) HORZ UNDERCLR: NOT A HIGHWAY O	R 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
NAVIGATION DATA		(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(38) NAV CONTROL: NO NAVIGATIO		(92c) SPECIAL INSP FREQUENCY (MONTHS):	N
(39) NAVIGATION VERTICAL CLEARANCE:	N/A		
(440) LIET BRIDGE VERT OF FARANCE		PRODUCED PURSUANT	TO

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

(116) LIFT BRIDGE VERT CLEARANCE:



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37.1 FT

2018

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N/A

N/A

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\$136,000.00

\$205,000.00

\$14,000.00

5/3/2018

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47024220001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02422 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: EVERETT RD. COUNTY SEQUENCE: 1 CROSSING: GRABLE CREEK LOG MILE: 0.78 LOCATION: EVERETT RD-NEAR LOUDON CO SUFFICIENCY RATING: 59.6 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.88748 DEGREES (17a,b) LONGITUDE: 84.24333 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: 2 (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: **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): 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: (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: 37.1 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: 20 FT RECOMMENDED IMPROVEMENTS 21.3 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT NEEDED) (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: **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 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** (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:



YES

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N/A

5/3/2018

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N/A

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NN<sub>0</sub>0

HS-20-44

BRIDGE ID NUMBER: 47024220003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02422 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: BUTTERMILK RD. COUNTY SEQUENCE: 1 CROSSING: HICKORY CREEK LOG MILE: 1.00 LOCATION: BUTTERMILK RD-NEAR CO LI-SUFFICIENCY RATING: 98.5 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.88873 DEGREES (17a,b) LONGITUDE: 84.24580 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR 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: 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: 1945 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: 37.1 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: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 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: (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): (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 47024240001 BRIDGE OWNER: KNOX COUNTY

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

FIPS CODE: 00000 ROAD NAME: KODAK RD. CROSSING: MANIFOLD CREEK

LOCATION: KODAK RD-W OF MIDWAY EXIT

COUNTY: KNOX ROUTE: 02424 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 2.91

SUFFICIENCY RATING: 75.6

IDENTIFICATION ————	CLASSIFICATION ————	
(16a,b) LATITUDE: N 35.97215 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.72418 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL MINOR 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	(110) NATIONAL TRUCK ROUTE: NOT 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:	(58) DECK: N	
(46) NUMBER OF APPROACH SPANS:  0 (407) TYPE OF DECK	(59) SUPERSTRUCTURE: N	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE:	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 6	
A) TYPE OF SURFACE:  B) TYPE MEMBRANE:  NONE	(62) CULVERT CONDITION (IF APPLICABLE): 5	
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING	
AGE AND SERVICE	(31) DESIGN LOADING: OTHER OR UNKNOWN	
(27) YEAR THE BRIDGE WAS BUILT: 1933	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS BUILT.  (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>	
,	APPRAISAL —	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL  (67) STRUCTURAL EVALUATION: 5	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 5	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 18.4 FT	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 5	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: 20.7 FT	(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: 5 (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:  20.7 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>7</li> </ul>	
(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:	<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:  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: 26.2 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>NN11</li> </ul>	
(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: 22.2 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>8</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: (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: 19.0 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	
(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: (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:  (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: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (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:  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REHABILITATION  (76) LENGTH OF BRIDGE IMPROVEMENT:  20.7 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: (35) BRIDGE FLARE: NO FLARE	(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:  \$116,000.00	
(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:       5         (68) DECK GEOMETRY:       5         (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:       20.7 FT         (94) BRIDGE IMPROVEMENT COST:       \$116,000.00         (95) ROADWAY IMPROVEMENT COST:       \$12,000.00	
(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:  NO RESTRICTION	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       NN11         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS       8         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       20.7 FT         (94) BRIDGE IMPROVEMENT COST:       \$116,000.00         (95) ROADWAY IMPROVEMENT COST:       \$12,000.00         (96) TOTAL PROJECT 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: (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: 26.2 FT	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       NN11         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS       8         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       20.7 FT         (94) BRIDGE IMPROVEMENT COST:       \$116,000.00         (95) ROADWAY IMPROVEMENT COST:       \$12,000.00         (96) TOTAL PROJECT COST:       \$175,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       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: (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: 26.2 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: (36) TRAFFIC SAFETY FEATURES: (75) TYPE OF WORK:  RECOMMENDED IMPROVEMENTS (76) LENGTH OF BRIDGE IMPROVEMENT: (76) LENGTH OF BRIDGE IMPROVEMENT: (76) BRIDGE IMPROVEMENT COST: (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: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (54b) MIN VERTICAL UNDERCLEARANCE: (54d) NOT A PPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (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: (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: 3/12/2020	
(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 (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION:       5         (68) DECK GEOMETRY:       5         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       NN11         (113) SCOUR CONDITION RATING:       8         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE REHABILITATION         (76) LENGTH OF BRIDGE IMPROVEMENT:       20.7 FT         (94) BRIDGE IMPROVEMENT COST:       \$116,000.00         (95) ROADWAY IMPROVEMENT COST:       \$12,000.00         (96) TOTAL PROJECT COST:       \$175,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       3/12/2020         (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: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (540) VERT UNDERCLE: (541) VERT UNDERCLE: (552) HORZ UNDERCLR: (553) HORZ UNDERCLR: (554) MIN HORZ UNDERCLR: (555) MIN HORZ UNDERCLR ON RIGHT: (556) MIN HORZ UNDERCLR ON RIGHT: (577)  18.4 FT  18.4 FT  18.4 FT  18.4 FT  19.0 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: 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	

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

N/A

N/A



BRIDGE ID NUMBER: 47024240003 BRIDGE OWNER: KNOX COUNTY

(98a) BORDER BRIDGE STATE CODE:

(16a,b) LATITUDE:

(17a,b) LONGITUDE:

FIPS CODE: 00000 ROAD NAME: KODAK RD.

CROSSING: TUCKAHOE CREEK

LOCATION: KODAK RD-S OF MIDWAY EXIT IDENTIFICATION

COUNTY: KNOX ROUTE: 02424 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 4.42

SUFFICIENCY RATING: 82.8

#### (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

N

35.96740 DEGREES

83.70188 DEGREES

N/A

N/A

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

BRIDGE TYPE AND MATERIAL =

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	1
(46) NUMBER OF APPROACH SPA	ANS: 0
(107) TYPE OF DECK:	CONCRETE PRECAST PANELS
(108) TYPE OF WEARING SURFAC	CE AND DECK PROTECTION:

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

# AGE AND SERVICE

2018	7) YEAR THE BRIDGE WAS BUILT:	(2
N/A	06) YEAR THE BRIDGE WAS REHABILITATED:	(1
HIGHWAY	12a) SERVICE ON BRIDGE:	(4
WATERWAY	2b) UNDER BRIDGE:	(4
2	28a) NUMBER OF LANES CARRIED BY BRIDGE:	(2
0	28b) NUMBER OF LANES UNDER THE BRIDGE:	(2

## **GEOMETRIC DATA**

107.9 FT	(48) MAXIMUM SPAN LENGTH:
111.0 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
22 FT	(51) BRIDGE CURB TO CURB WIDTH:
28.5 FT	(52) BRIDGE OUT TO OUT WIDTH:
22.0 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>22.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
AY OR RAII ROAD	(54a) VERT LINDERCLE: NOT A HIGHW

(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (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 (40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20

(56) MIN HORZ UNDERCLR ON LEFT:

# **CLASSIFICATION**

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

HL-93	(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:	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: NO	OT APPLICABLE
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(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

# INSPECTION DATES

3/12/2020	(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):

# NATIONAL BRIDGE INVENTORY



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7

HS-20-44

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 47024280001 COUNTY: KNOX ROUTE: 02428 BRIDGE OWNER: KNOX COUNTY SPECIAL CASE: 0 FIPS CODE: 00000 ROAD NAME: RUGGLES FERRY PK. COUNTY SEQUENCE: 1 CROSSING: SINKING CREEK LOG MILE: 1.92 LOCATION: N OFF US11 E-W OF SPLIT SUFFICIENCY RATING: 98.7 IDENTIFICATION CLASSIFICATION = (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.02957 DEGREES (17a,b) LONGITUDE: 83.78197 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: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: **NOT APPLICABLE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: **NOT APPLICABLE** (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE NOT APPLICABLE** C) TYPE PROTECTION: (31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES):

	AGE AND SERVICE
1955	(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

12.1 FT	(48) MAXIMUM SPAN LENGTH:
26.2 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:
22.0 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:
Y' 27 2 FT	(47) MIN HORIZONTAL CLEARANCE ON ROADW

(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

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

# DESIGN LOAD AND WEIGHT POSTING

ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN

	APPRAISAL —
6	(67) STRUCTURAL EVALUATION:
N	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
7	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
NN00	(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: 5/24/2018 (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

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8

N/A

5/24/2018

24

N/A

N/A

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NN<sub>0</sub>0

HS-20-44

BRIDGE ID NUMBER: 47024280003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02428 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: RUGGLES FERRY PK. COUNTY SEQUENCE: 1 CROSSING: LYONS CREEK LOG MILE: 5.31 LOCATION: N OF US11E-RUGGLES FERRY SUFFICIENCY RATING: 98.6 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.03758 DEGREES (17a,b) LONGITUDE: 83.72702 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR 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 (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: **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: 1955 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: 15.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 32.5 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: 21.0 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: 27.9 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:



YES

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31.8 FT

2018

24

N/A

N/A

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\$151,000.00

\$227,000.00

\$16,000.00

6/19/2018

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

ALL LEGAL LOADS

ALL LEGAL LOADS

BRIDGE ID NUMBER: 47024300005 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02430 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: MILLERTOWN PK. COUNTY SEQUENCE: 1 CROSSING: LEGG CREEK LOG MILE: 2.16 LOCATION: MILLERTOWN PK-N OF US11W SUFFICIENCY RATING: 70.6 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.05903 DEGREES (17a,b) LONGITUDE: w 83.81300 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: 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: **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: 1945 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 14.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 31.8 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: 20 FT RECOMMENDED IMPROVEMENTS 22 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 FT NEEDED) (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: **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 FT

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

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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:



YES

8

BRIDGE ID NUMBER: 47024300003 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: MILLERTOWN PK. CROSSING: ROSEBERRY CREEK

LOCATION: MILLERTOWN PK-W OFF US11W

COUNTY: KNOX ROUTE: 02430 SPECIAL CASE: 0

LOG MILE: 4.83

#### IDENTIFICATION CLASSIFICATION

(16a,b) LATITUDE: Ν 36.08252 DEGREES (17a,b) LONGITUDE: 83.77593 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A

(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** 

# BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: OTHER

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 42.0 FT (49) TOTAL BRIDGE LENGTH: 45.3 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 25.3 FT 27.2 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 21.0 FT **NO MEDIAN** (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: 29 DEGREES

(35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 25.3 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 (112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM:

**NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 84.7

(102) TRAFFIC DIR: 2-WAY TRAFFIC

(103) TEMPORARY 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): Ν

## DESIGN LOAD AND WEIGHT POSTING

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

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

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

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(113) SCOUR CONDITION RATING:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/18/2018 (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



5

Ν

6

2

7

COUNTY: KNOX

ROUTE: 02432

BRIDGE ID NUMBER: 470E3290001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 ROAD NAME: BRICKYARD RD.

CROSSING: BEAVER CREEK

LOCATION: BRICKYRD RD-BTWN 175&SR62

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.25 SUFFICIENCY RATING: 71.7

IDENTIFICATION —		CLASSIFICATION —	
(16a,b) LATITUDE: N	36.02725 DEGREES	(112) MEETS NBIS BRIDGE LEN	IGTH: YES
(17a,b) LONGITUDE: W	84.02760 DEGREES	(104) NATIONAL HIGHWAY SYS	TEM: <b>NOT A NHS ROUTE</b>
(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 MAT	FRIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: STEEL		(110) NATIONAL TRUCK ROUTE	NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICA	ABLE	` '	STORICAL SIGNIFICANCE HAS OT BEEN DETERMINED

(45) NUMBER OF MAIN SPANS: 3	
(46) NUMBER OF APPROACH SPANS: 0	(58) D
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) S
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) S
A) TYPE OF SURFACE: ASPHALT	(61) S
,	

(100) TIPE OF WEAKING SUKFACE AND DECK PROTECTION.	
A) TYPE OF SURFACE:	ASPHALT
B) TYPE MEMBRANE:	NONE
C) TYPE PROTECTION:	NONE

AGE AND SERVICE	
(27) YEAR THE BRIDGE WAS BUILT:	1940
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A
(42a) SERVICE ON BRIDGE:	HIGHWAY
(42b) UNDER BRIDGE:	WATERWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	2
(28b) NUMBER OF LANES UNDER THE BRIDGE:	0
GEOMETRIC DATA	

(48) MAXIMUM SPAN LENGTH:	53.1 FT
(49) TOTAL BRIDGE LENGTH:	158.1 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	20 FT
(52) BRIDGE OUT TO OUT WIDTH:	21 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	18.0 FT

NO MEDIAN	(33) BRIDGE MEDIAN:
0 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
VAY: <b>20.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADV
WAY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGH
NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:
WAY OR RAILROAD	(55a) HORZ UNDERCLR: NOT A HIGH
NOT APPLICABLE	(55b) MIN HORZ UNDERCLR ON RIGHT:
NOT APPLICABLE	(56) MIN HORZ UNDERCLR ON LEFT:
	NAVIOATION DATA

	NAVIGATI	UN DATA
(38)	NAV CONTROL:	NO NAVIGATION CONTROL
(39)	NAVIGATION VERTICAL CLE	ARANCE: N/A

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

 CONDITION RATINGS DECK:

SUPERSTRUCTURE: 6 SUBSTRUCTURE: 6 STREAM CHANNEL AND CHANNEL PROTECTION: 7

(62) CULVERT CONDITION (IF APPLICABLE):

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

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

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

8 (36) TRAFFIC SAFETY FEATURES: 0NNN (113) SCOUR CONDITION RATING: U

#### RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING WITH DECK REPAIR** (75) TYPE OF WORK:

OR REPLACEMENT (76) LENGTH OF BRIDGE IMPROVEMENT: 158.1 FT

(94) BRIDGE IMPROVEMENT COST: \$726,000.00 (95) ROADWAY IMPROVEMENT COST: \$73,000.00 (96) TOTAL PROJECT COST: \$1,090,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/20/2018 (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: 47024320001 COUNTY: KNOX
BRIDGE OWNER: KNOX COUNTY ROUTE: 02432
FIPS CODE: 00000 SPECIAL CASE: 0
ROAD NAME: BELL CAMPGROUND RD. COUNTY SEQUENCE: 1
CROSSING: BULL RUN CREEK LOG MILE: 3.73
LOCATION: COPELAND RD ON CO LINE SUFFICIENCY RATING: 68.6

EGG/MIGN. GOI ELAND NO ON GO LINE	CONTROLLING TO THE CO.
IDENTIFICATION ————	
(16a,b) LATITUDE: N 36.05108 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.07407 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL MINOR COLLECTOR
(98b) PERCENT SHARE: N/A	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	(102) TRAFFIC DIR: ONE LANE BRIDGE FOR 2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(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
(45) NUMBER OF MAIN SPANS: 4	——— CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 6
(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: 7
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: OTHER OR UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT: 1940	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: WATERWAY	(41) WT POSTING STATUS: WEIGHT POSTED
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 1	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
	(69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 43.0 FT (49) TOTAL BRIDGE LENGTH: 142.1 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: 1111
(51) BRIDGE CURB TO CURB WIDTH: 15.7 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 18 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 13.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 142.1 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$407,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$41,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$611,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 15.7 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: 6/5/2018
(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

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

7

7

7

7

Ν

6

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N

6

8

8

NNNN

22 FT

2018

24

N/A

N/A

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\$60,000.00

\$7,000.00

\$91,000.00

6/8/2018

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47024340001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02434 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: PLEASANT GAP DR. COUNTY SEQUENCE: 1 CROSSING: ROARING SPRINGS BRANCH LOG MILE: 8.76 LOCATION: PLEASANT GAP RD-NE OF 441 SUFFICIENCY RATING: 74.8 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.13197 DEGREES (17a,b) LONGITUDE: w 83.95802 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: 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: (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): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1966 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: 20.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 22.0 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: 24.3 FT RECOMMENDED IMPROVEMENTS 24.3 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 FT NEEDED) (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: 24.3 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** (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: KNOX

ROUTE: 02436

LOG MILE: 2.93

NOT BEEN DETERMINED

BRIDGE ID NUMBER: 470A0400003 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0

ROAD NAME: TIPTON STATION RD. CROSSING: STOCK CREEK

LOCATION: 1.2 M SW OF SR71-SR168 JC

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 68.1

IDENTIFICATION		CLASSIFICATI	ION —
(16a,b) LATITUDE: N	35.89492 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W	83.85365 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:	N/A	(26) FUNCTIONAL CLASS:	LOCAL RURAL ROAD
(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
DIGIDOL I II LAND MAI	LINAL	(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK

0

**NOT APPLICABLE** 

(43a) MAIN SPAN MATERIAL: CONCRETE (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:

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

#### AGE AND SERVICE -(27) YEAR THE BRIDGE WAS BUILT: 1915 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY**

**WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

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

(48) MAXIMUM SPAN LENGTH: 24.0 FT (49) TOTAL BRIDGE LENGTH: 27.2 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 20 FT (52) BRIDGE OUT TO OUT WIDTH: 21.7 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 19 7 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT:

NAVIGATION DATA

(38) 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

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

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

### DESIGN LOAD AND WEIGHT POSTING -

OTHER OR UNKNOWN		(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**

e	(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** 

(76) LENGTH OF BRIDGE IMPROVEMENT: 27.2 FT (94) BRIDGE IMPROVEMENT COST: \$138,000.00 (95) ROADWAY IMPROVEMENT COST: \$14,000.00 (96) TOTAL PROJECT COST: \$208,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 4/17/2018 (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



YES

Ν

Ν

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8

N/A

4/13/2018

24

N/A

N/A

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0N00

H-15-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470A0400005 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02436 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: TIPTON STATION RD. COUNTY SEQUENCE: 1 CROSSING: STOCK CREEK LOG MILE: 3.52 LOCATION: 1.1 MS SR168 US441 JCT SUFFICIENCY RATING: 97.9 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.89168 DEGREES (17a,b) LONGITUDE: 83.84405 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: 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: 1970 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: 13.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 29.9 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: 19.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 45 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: 28.2 FT

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

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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:



YES

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32.2 FT

2018

24

N/A

N/A

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\$151,000.00

\$227,000.00

\$16,000.00

4/11/2018

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47024360001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02436 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: E. HENDRON CHAPEL DR. COUNTY SEQUENCE: 1 CROSSING: HINES CREEK LOG MILE: 6.39 LOCATION: HENDRON CHAPEL RD-E OF 71 SUFFICIENCY RATING: 59.4 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.91093 DEGREES (17a,b) LONGITUDE: 83.80110 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: 2 (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: **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): 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 (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: 14.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 32.2 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: 19.7 FT RECOMMENDED IMPROVEMENTS 22.3 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 FT NEEDED) (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: 19.7 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** (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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 47024360003 COUNTY: KNOX
BRIDGE OWNER: KNOX COUNTY ROUTE: 02436
FIPS CODE: 00000 SPECIAL CASE: 0
ROAD NAME: KIMBERLIN HEIGHTS RD. COUNTY SEQUENCE: 1
CROSSING: GAP CREEK LOG MILE: 9.79
LOCATION: PORTER FIELD GAP RD SUFFICIENCY RATING: 71.0

LOCATION. PORTER FIELD GAP RD	SUFFICIENCY RATING. 71.0
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.92835 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.74782 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: RURAL MINOR 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	(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
	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:  N (61) STREAM CHANNEL AND CHANNEL PROTECTION:
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8 (62) CULVERT CONDITION (IF APPLICABLE): 8
B) TYPE MEMBRANE: NONE	
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE —	(31) DESIGN LOADING: HL-93
(27) YEAR THE BRIDGE WAS BUILT: 2017	WEIGHT POSTING (2 AXLE VEHICLES):  WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: #Error	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	APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:2(28b) NUMBER OF LANES UNDER THE BRIDGE:0	(67) STRUCTURAL EVALUATION: 8
	(67) STRUCTURAL EVALUATION: 8 (68) DECK GEOMETRY: 2
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 8 (68) DECK GEOMETRY: 2 (69) UNDERCLEARANCE RATING: N
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(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: 32.0 FT  (49) TOTAL BRIDGE LENGTH: 32.0 FT  (50a) LEFT 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	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  8  (36) TRAFFIC SAFETY FEATURES:  NN11
(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: 27.9 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (NN11  (113) SCOUR CONDITION RATING:  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 FT (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 38.1 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
(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: 27.9 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (NN11  (113) SCOUR CONDITION RATING:  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 FT (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 38.1 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (NN11  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT:  32.2 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: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 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:  (71) NN11  (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:  \$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: (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:  (36) TRAFFIC SAFETY FEATURES:  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT:  (94) BRIDGE IMPROVEMENT COST:  \$3,000.00  (95) ROADWAY IMPROVEMENT COST:  \$9,000.00
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:  0 32.0 FT 0.0 FT 0	(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: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (12) \$9,000.00
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	(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: (98)
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: (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: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (12) \$9,000.00
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 32.0 FT  (49) TOTAL BRIDGE LENGTH: 32.0 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 27.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 38.1 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 0 DEGREES  (35) BRIDGE FLARE: NO FLARE  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 31.8 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:  (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:  4/2/2018
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 32.0 FT  (49) TOTAL BRIDGE LENGTH: 32.0 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 27.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 38.1 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 0 DEGREES  (35) BRIDGE FLARE: NO FLARE  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 31.8 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: (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): 24
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 32.0 FT  (49) TOTAL BRIDGE LENGTH: 32.0 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 27.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 38.1 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 0 DEGREES  (35) BRIDGE FLARE: NO FLARE  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 31.8 FT  (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD  (55b) MIN VERTICAL 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: (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: (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: 32.0 FT  (49) TOTAL BRIDGE LENGTH: 32.0 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 27.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 38.1 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 0 DEGREES  (35) BRIDGE FLARE: NO FLARE  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 31.8 FT  (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD  (55b) 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: (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
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 32.0 FT  (49) TOTAL BRIDGE LENGTH: 32.0 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 27.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 38.1 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 0 DEGREES  (35) BRIDGE FLARE: NO FLARE  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 31.8 FT  (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD  (55b) MIN VERTICAL 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: (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: (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
This document is covered by 23 USC §409
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document records request does not
waive the provisions of §409

PRODUCED PURSUANT TO

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

6

6

5

5

Ν

5

2

Ν

7

8

0N00

30.5 FT

2019

24

N/A

N/A

Ν

Ν

\$158,000.00

\$238,000.00

\$16,000.00

4/2/2018

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**NO PARALLEL BRIDGE** 

OTHER OR UNKNOWN

ALL LEGAL LOADS

ALL LEGAL LOADS

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 47024360005 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 02436 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: PORTERFIELD GAP RD. COUNTY SEQUENCE: 1 CROSSING: GAP CREEK LOG MILE: 10.07 LOCATION: AT KIMBERLIN HGTS SUFFICIENCY RATING: 58.8 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.92492 DEGREES (17a,b) LONGITUDE: w 83.74550 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A **RURAL MINOR COLLECTOR** (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: 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: (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: 1930 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 27.9 FT (71) WATERWAY ADEQUACY:

23.6 FT

24.6 FT

(49) TOTAL BRIDGE LENGTH: 30.5 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 44 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 23.6 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE NAVIGATION DATA** 

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

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

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**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):

(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

NEEDED)

INSPECTION DATES

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(75) TYPE OF WORK:

(51) BRIDGE CURB TO CURB WIDTH:

(52) BRIDGE OUT TO OUT WIDTH:



ROUTE: 03766

LOG MILE: 0.52

BRIDGE ID NUMBER: 47037880005 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE FIPS CODE: 40000 SPECIAL CASE: 0

ROAD NAME: W. SUMMIT HILL DR. CROSSING: FIRST CREEK

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 91.6

IDENTIFICATION —————		CLASSIFICATION —		
(16a,b) LATITUDE:	N	35.96875 DEGREES	(112) MEETS NBIS BRIDGE LENGTH	YES
(17a,b) LONGITUDE:	W	83.91750 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	МАТЕ	RIAI ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PREST (44a) APPR SPAN MATERIAL: NOT A	RESSE	D CONCRETE	` ,	NOT ON TRUCK NETWORK RICAL SIGNIFICANCE HAS EEN DETERMINED
(45) NUMBER OF MAIN SPANS:		1	CONDITION R	ATINGS —

## (58) DECK: (59) SUPERSTRUCTURE: **CONCRETE CAST-IN-PLACE** (60) SUBSTRUCTURE:

(61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CULVERT CONDITION (IF APPLICABLE):

8

# DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

	APPRAISAL -
8	(67) STRUCTURAL EVALUATION:
5	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
8	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
1111	(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

6/4/2018	(90) DATE OF LAST REGULAR INSPECTION:
S): <b>24</b>	(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: JUST W OF SR158-DOWNTOWN (45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: (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: 2006 (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (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: 96.5 FT (49) TOTAL BRIDGE LENGTH: 99.7 FT (50a) LEFT SIDEWALK WIDTH: 6.9 FT (50b) RIGHT SIDEWALK WIDTH: 6.9 FT (51) BRIDGE CURB TO CURB WIDTH: 82 FT (52) BRIDGE OUT TO OUT WIDTH: 98.1 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 78.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 8 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** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** NAVIGATION DATA = (38) 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: KNOX

BRIDGE ID NUMBER: 47L37710003 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: MERCHANT DR. CROSSING: SECOND CREEK

LOCATION: AT 175-N OF SHARPS GAP

ROUTE: 03771 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 73.9

LOG MILE: 2.01

# IDENTIFICATION

(16a,b) LATITUDE:	N	36.00917	DEGREES
(17a,b) LONGITUDE:	W	83.97382	DEGREES
(98a) BORDER 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:

(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

#### AGE AND SERVICE

**NOT APPLICABLE** 

10.2 FT

**NOT APPLICABLE** 

N/A

1965	(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 =

(49) TOTAL BRIDGE LENGTH:	22.0 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	UNDER FILL
(52) BRIDGE OUT TO OUT WIDTH:	UNDER FILL
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	64.0 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 ROADW	'AY: <b>32.8 FT</b>
(54a) VERT UNDERCLR: NOT A HIGHW	VAY OR RAILROAD

# (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:

# CLASSIFICATION =

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

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

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:

(41) WT POSTING STATUS: OPEN

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

#### RECOMMENDED IMPROVEMENTS

(73)	THE OF WORK.	BRIDGE REHABILITATION

	TYPE OF WORK: BRIDGE REHABILITATION	(75)
22 F1	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$207,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$21,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$311,000.00	TOTAL PROJECT COST:	(96)
2018	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)
	INCRECTION DATES	

### **INSPECTION DATES**

(90) DATE OF LAST REGULAR INSPECTION:	6/14/2018
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N



COUNTY: KNOX

ROUTE: 03773

BRIDGE ID NUMBER: 47037730001 BRIDGE OWNER: CITY OF KNOXVILLE FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: WOODLAND AVE. COUNTY SEQUENCE: 1 CROSSING: WOODLAND AVE/DAVANNA ST LOG MILE: 0.11 LOCATION: NEAR I-275-N. OF BAXTER SUFFICIENCY RATING: 79.1

IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.98213 DEGREES (17a,b) LONGITUDE: W 83.93628 DEGREES	· ,
(98a) BORDER BRIDGE STATE CODE:	
(98b) PERCENT SHARE:	
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE	
	_ (103) TEMPORARY BRIDGE: NOT APPLICABLE
BRIDGE TYPE AND MATERIAL	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>CONCRETE</b>	(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:	(E0) DECK.
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(FO) CLIDEDSTRUCTURE.
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 6
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: NONE	DESIGN LOAD AND WEIGHT POSTING —
AGE AND SERVICE	(31) DESIGN LOADING: H-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1957	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 2004	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: HIGHWAY-WATERWAY-RAILROAL	(41) WT POSTING STATUS: <b>OPEN</b>
	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE:	(C7) CTDUCTUDAL EVALUATION.
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 66.9 FT	(69) UNDERCLEARANCE RATING: 5
(49) TOTAL BRIDGE LENGTH: 401.6 FT	(71) WATERWAY ADEQUACY: 7
(50a) LEFT SIDEWALK WIDTH: 6.9 F7	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 6.9 FT	(36) TRAFFIC SAFETY FEATURES: 1111
(51) BRIDGE CURB TO CURB WIDTH: 52.2 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 66.3 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 53.1 FT	- (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	
(34) BRIDGE SKEW: 15 DEGREES	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$92,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 51.8 FT	
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 24.67 FT	(90) DATE OF LAST REGULAR INSPECTION: 6/26/2018
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	
(55b) MIN HORZ UNDERCLR ON RIGHT: 8.86 F7	
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	
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:



YES

Ν

Ν

Ν

7

5

5

3

N

6

8

8

0000

58.1 FT

2018

24

N/A

N/A

Ν

Ν

\$185,000.00

\$278,000.00

\$19,000.00

5/22/2018

HS-20-44

BRIDGE ID NUMBER: 47037730003 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03773 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: WOODLAND AVE. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 1.30 LOCATION: IN KNOXVILLE SUFFICIENCY RATING: 79.9 IDENTIFICATION - CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.99402 DEGREES (17a,b) LONGITUDE: 83.92167 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 (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 **EPOXY COATED REINFORCING** C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): (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: (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: 5.9 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 61.4 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 73.2 FT **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 60.0 FT NEEDED) (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: 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: 61.0 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** (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 PRODUCED PURSUANT TO

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX

BRIDGE ID NUMBER: 47037730005

BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: MILLERTOWN PKWY.

CROSSING: LOVES CREEK

ROUTE: 03773 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 5.30

LOCATION: **ON CITY LIMITS** SUFFICIENCY RATING: **70.0** 

IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 36.03327 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.86965 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) AH IMPER OF MAIN ORANG	———— CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:  (46) NUMBER OF APPROACH SPANS:  0	(58) DECK: N
(46) NUMBER OF APPROACH SPANS: 0 (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): 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: 1940	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BUILT.  (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: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
(48) MAXIMUM SPAN LENGTH: 20.0 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: 1111
(51) BRIDGE CURB TO CURB WIDTH: 21 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 25.6 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: 24.9 FT
(34) BRIDGE SKEW: 15 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$128,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$13,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$193,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 21.0 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: 5/7/2018
(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
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO

N/A

N/A

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
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(116) LIFT BRIDGE VERT CLEARANCE:



YES

7

8

7

Ν

Ν

7

4

6

Ν

8

Ν

1000

148.9 FT

\$271,000.00

\$407,000.00

\$28,000.00

3/16/2020

2018

24

N/A

N/A

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HS-20-44

BRIDGE ID NUMBER: 47037730007 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03773 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: MILLERTOWN PKWY. COUNTY SEQUENCE: 1 CROSSING: SOUTHERN RAILWAY LOG MILE: 5.52 LOCATION: N. OF 1640 - 140 JCT. SUFFICIENCY RATING: 76.0 IDENTIFICATION - CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.03590 DEGREES (17a,b) LONGITUDE: w 83.86818 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 (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 **EPOXY COATED REINFORCING** C) TYPE PROTECTION: (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: 3 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 66.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 148.9 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: 42 FT RECOMMENDED IMPROVEMENTS 44 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 42.0 FT NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO 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: 42.0 FT INSPECTION DATES (54a) VERT UNDERCLR: **RAILROAD BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: (90) DATE OF LAST REGULAR INSPECTION: 25 03 FT (55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (55b) MIN HORZ UNDERCLR ON RIGHT: (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 15.42 FT (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: **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:



YES

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N

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N

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0NNN

31.5 FT

2018

24

N/A

N/A

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\$123,000.00

\$185,000.00

\$13,000.00

5/7/2018

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47L37740001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03774 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: SUTHERLAND AVE. COUNTY SEQUENCE: 1 CROSSING: THIRD CREEK LOG MILE: 1.92 LOCATION: IN KNOXVILLE SUFFICIENCY RATING: 73.4 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.95138 DEGREES (17a,b) LONGITUDE: 83.96848 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A 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: (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: 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: **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): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1965 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: **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: 14.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 31.5 FT (72) APPROACH ROADWAY ALIGNMENT: 0.0 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 34.8 FT RECOMMENDED IMPROVEMENTS 36.4 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT NEEDED) (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: **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 34.8 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** (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



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BRIDGE ID NUMBER: 47037740003 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03774 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: SUTHERLAND AVE. COUNTY SEQUENCE: 1 CROSSING: E.FK. THIRD CR & SOU. RR LOG MILE: 3.12 LOCATION: 1 MI S. OF LOONEY ISLANDS SUFFICIENCY RATING: 93.5 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.95830 DEGREES (17a,b) LONGITUDE: 83.94935 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A (98b) PERCENT SHARE: N/A

**NOT APPLICABLE** 

NONE

NONE

0

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(99) BORDER BRIDGE NUMBER:

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

(45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: OTHER (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: **ASPHALT** A) TYPE OF SURFACE:

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1974 (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** RAILROAD-WATERWAY (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

GEOMETRIC DATA

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(48) MAXIMUM SPAN LENGTH: 87.9 FT (49) TOTAL BRIDGE LENGTH: 156.5 FT (50a) LEFT SIDEWALK WIDTH: 4.9 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 40 FT 46.9 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 40.0 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** 

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 40.0 FT **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 24.51 FT (55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE

(55b) MIN HORZ UNDERCLR ON RIGHT: 12 14 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

**PUBLICATION DATE** 19-Mar-20

YES **NOT A NHS ROUTE URBAN COLLECTOR** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED CONDITION RATINGS (58) DECK: 7

(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

(59) SUPERSTRUCTURE:

(60) SUBSTRUCTURE:

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

RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(113) SCOUR CONDITION RATING:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 3/27/2018 (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

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0NNN

152.6 FT

2018

24

N/A

N/A

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\$1.658.000.00

\$2,488,000.00

\$166,000.00

3/27/2018

BRIDGE ID NUMBER: 47037740005 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03774 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: SUTHERLAND AVE. COUNTY SEQUENCE: 1 CROSSING: CSX RAILROAD LOG MILE: 3.24 LOCATION: IN KNOXVILLE SUFFICIENCY RATING: 80.8 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.95960 DEGREES (17a,b) LONGITUDE: 83.94760 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 (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: NONE (31) DESIGN LOADING: OTHER OR UNKNOWN AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1950 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: **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: 40.4 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 122.0 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: 39.7 FT RECOMMENDED IMPROVEMENTS 52.5 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **BRIDGE REPLACEMENT** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.0 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: 39.7 FT INSPECTION DATES **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 21.52 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: **RAILROAD BENEATH BRIDGE** (91) REGULAR INSPECTION FREQUENCY (MONTHS): (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): **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 PRODUCED PURSUANT TO

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 47L37750001 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 40000 ROAD NAME: S. GAY ST.

CROSSING: TENNESSEE RIVER & 2 RTS.

LOCATION: IN KNOXVILLE

# COUNTY: KNOX

ROUTE: 03775 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.26

SUFFICIENCY RATING: 56.1

#### - IDENTIFICATION CLASSIFICATION -

(16a,b) LATITUDE:	N	35.95678 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	83.91362 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	N
(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:	

252.0 FT

# BRIDGE TYPE AND MATERIAL -

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

(45) NUMBER OF MAIN SPANS:	7
(46) NUMBER OF APPROACH SPAN	S: <b>0</b>
(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	
A) T)/DE OF OUDEACE	40DU41 T

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

# AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1897 (106) YEAR THE BRIDGE WAS REHABILITATED: 2004 (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN HIGHWAY-WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 3 (28b) NUMBER OF LANES UNDER THE BRIDGE: 4

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: (49) TOTAL BRIDGE LENGTH: 1512.1 FT (50a) LEFT SIDEWALK WIDTH: 5.9 FT (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (51) BRIDGE CURB TO CURB WIDTH: 29.9 FT (52) BRIDGE OUT TO OUT WIDTH: 42 FT 29.9 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: 20.28 FT (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 29.9 FT (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: 19 85 FT (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 1.64 FT (56) MIN HORZ UNDERCLR ON LEFT: 9.84 FT

## NAVIGATION DATA

(38) NAV CONTROL: **NAVIGATION CONTROLLED WATERWAY** (39) NAVIGATION VERTICAL CLEARANCE: 247.7 FT (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: 251 FT

YES NOT A NHS ROUTE MINOR ARTERIAL PARALLEL BRIDGE 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: **BRIDGE IS ON THE NATIONAL** 

REGISTER

CONDITION RATINGS =

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

#### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LUADING:	H-15-44
WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
(70) BRIDGE POSTING CODE:	5

(41) WT POSTING STATUS: WEIGHT POSTED

# ADDDAICAL

APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	2
(69) UNDERCLEARANCE RATING:	3
(71) WATERWAY ADEQUACY:	7
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1NNN
(113) SCOUR CONDITION RATING:	8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 1512.1 FT (94) BRIDGE IMPROVEMENT COST: \$9,236,000.00 (95) ROADWAY IMPROVEMENT COST: \$924,000.00 (96) TOTAL PROJECT COST: \$13,855,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/27/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): 08/2019 (92b) UNDERWATER INSP FREQUENCY (MONTHS): Y60 (93c) DATE OF SPECIAL INSPECTION (MO/YR): 06/2019 (92c) SPECIAL INSP FREQUENCY (MONTHS): Y12



COUNTY: KNOX

ROUTE: 03775

BRIDGE ID NUMBER: 47L37750003
BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: N. GAY ST.

CROSSING: SOUTHERN RR

LOCATION: GAY ST IN KNOXVILLE

SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 1.20 SUFFICIENCY RATING: 82.9

#### 

(16a,b) LATITUDE:N35.96948DEGREES(17a,b) LONGITUDE:W83.92198DEGREES(98a) BORDER 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:

A) TYPE OF SURFACE:

INTEGRAL CONCRETE

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

C) TYPE PROTECTION: EPOXY COATED REINFORCING

# - AGE AND SERVICE -

(27) YEAR THE BRIDGE WAS BUILT: 2007 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN (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: 142.7 FT (49) TOTAL BRIDGE LENGTH: 492.1 FT (50a) LEFT SIDEWALK WIDTH: 8.5 FT (50b) RIGHT SIDEWALK WIDTH: 8.5 FT (51) BRIDGE CURB TO CURB WIDTH: 53.8 FT 73.2 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 53.8 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 3 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION 53.8 FT **RAILROAD BENEATH BRIDGE** 

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 53.8 FT (54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 23.82 FT (55a) HORZ UNDERCLR: RAILROAD 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 (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: 8
(59) SUPERSTRUCTURE: 8
(60) SUBSTRUCTURE: 7
(61) STREAM CHANNEL AND CHANNEL PROTECTION: N
(62) CULVERT CONDITION (IF APPLICABLE): N

#### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING:
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: 7
(68) DECK GEOMETRY: 4
(69) UNDERCLEARANCE RATING: 3
(71) WATERWAY ADEQUACY: N
(72) APPROACH ROADWAY ALIGNMENT: 8
(36) TRAFFIC SAFETY FEATURES: 1NNN
(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:
(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



BRIDGE ID NUMBER: 47SR1580035 COUNTY: KNOX
BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03776
FIPS CODE: 40000 SPECIAL CASE: 9
ROAD NAME: W. CUMBERLAND AVE. COUNTY SEQUENCE: 1
CROSSING: FAU 3776 / S. CENTRAL AV
LOCATION: DOWNTOWN KNOXVILLE SUFFICIENCY RATING: 94.0

LOCATION: <b>DOWNTOWN KNOXVILLE</b>	SUFFICIENCY RATING: 94.0
IDENTIFICATION	CLASSIFICATION —
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER:  NOT APPLICABLE	(112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM: NHS ROUTE (26) FUNCTIONAL CLASS: URBAN PRINCIPAL ARTERIAL (101) PARALLEL BRIDGE: NO PARALLEL BRIDGE (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: <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 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:  MONOLITHIC CONCRETE  B) TYPE MEMBRANE:  NONE	CONDITION RATINGS  (58) DECK: 7  (59) SUPERSTRUCTURE: 7  (60) SUBSTRUCTURE: 6  (61) STREAM CHANNEL AND CHANNEL PROTECTION: N  (62) CULVERT CONDITION (IF APPLICABLE): N  DESIGN LOAD AND WEIGHT POSTING
C) TYPE PROTECTION: NONE	
AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: 1973  (106) YEAR THE BRIDGE WAS REHABILITATED: N/A  (42a) SERVICE ON BRIDGE: HIGHWAY  (42b) UNDER BRIDGE: HIGHWAY  (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN  APPRAISAL
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 9
(48) MAXIMUM SPAN LENGTH: 86.0 FT	(69) UNDERCLEARANCE RATING: 6
(49) TOTAL BRIDGE LENGTH: 411.1 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: 1101
(51) BRIDGE CURB TO CURB WIDTH: 36.7 FT	(113) SCOUR CONDITION RATING: N
(52) BRIDGE OUT TO OUT WIDTH: 40.4 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 34.1 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: (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: 36.7 FT (54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE	INSPECTION DATES
(54a) VERT UNDERCLR: HIGHWAY BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 15.78 FT	(90) DATE OF LAST REGULAR INSPECTION: 1/29/2020
(55a) HORZ UNDERCLR: 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: 11.48 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:



YES

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7

8

8

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N

7

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8

N/A

5/10/2018

24

N/A

N/A

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1N11

HS-20-44

BRIDGE ID NUMBER: 47048280001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03778 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: N. GALLAHER VIEW RD. NW. COUNTY SEQUENCE: 1 CROSSING: TRIBUTARY TO TEN MILE CK LOG MILE: 1.45 LOCATION: NW OF I40 SUFFICIENCY RATING: 83.0 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: 35.92952 DEGREES (17a,b) LONGITUDE: 84.06022 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: 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: 2001 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: 5 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 20.7 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 39.4 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: **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: **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: 79.1 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** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

**NO NAVIGATION CONTROL** 

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(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):

(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:



COUNTY: KNOX

ROUTE: 03780

LOG MILE: 0.31

NOT BEEN DETERMINED

BRIDGE ID NUMBER: 47M37800001 BRIDGE OWNER: CITY OF KNOXVILLE FIPS CODE: 40000 SPECIAL CASE: 0

ROAD NAME: N. SEVENTEENTH ST. CROSSING: SOUTHERN RAILWAY

LOCATION: IN KNOXVILLE

# CLASSIFICATION -

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 49.7

IDENTIFICAT	ION		CLASSIFICAT	ION —
(16a,b) LATITUDE:	N	35.96220 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	83.98515 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	
		(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK	

4

0

NO RESTRICTION

(110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

(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: 1937

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

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

GEOMETRIC DATA

(520) MIN VERTICAL CLEARANCE OVER RD:

(48) MAXIMUM SPAN LENGTH: 45.9 FT (49) TOTAL BRIDGE LENGTH: 93.2 FT 4.9 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (51) BRIDGE CURB TO CURB WIDTH: 39.7 FT 52.5 FT (52) BRIDGE OUT TO OUT WIDTH:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES

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

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 39.7 FT **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR:

(54b) MIN VERTICAL UNDERCLEARANCE: 21.19 FT

(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE 9.51 FT

(55b) MIN HORZ UNDERCLR ON RIGHT: (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:	5
(59) SUPERSTRUCTURE:	5
(60) SUBSTRUCTURE:	5
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	N
(62) CULVERT CONDITION (IF APPLICABLE):	N

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: OTHER OR UNKNOWN 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: 2 (69) UNDERCLEARANCE RATING: 4 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: 0NNN (113) SCOUR CONDITION RATING: Ν

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: BRIDGE REPLACEMENT

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(76) LENGTH OF BRIDGE IMPROVEMENT: 123.4 FT (94) BRIDGE IMPROVEMENT COST: \$1.630.000.00 (95) ROADWAY IMPROVEMENT COST: \$164,000.00

(96) TOTAL PROJECT COST: \$2,446,000.00 2018

(97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 3/27/2018 (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

> PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST

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BRIDGE ID NUMBER: 47000710009



YES

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N/A

12/16/2019

24

N/A

N/A

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Ν

100N

HS-20-44

COUNTY: KNOX

BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03781 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: SEVIERVILLE PK. COUNTY SEQUENCE: 1 CROSSING: MOODY AVE /S. KNOXVILLE LOG MILE: 1.20 LOCATION: MOODY AVE IN KNOXVILLE SUFFICIENCY RATING: 96.7 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.94450 DEGREES (17a,b) LONGITUDE: 83.89623 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: 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: 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: 1993 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: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 118.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 220.1 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: 80.1 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 51.8 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: 76.1 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.86 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 22.97 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 26.9 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 PRODUCED PURSUANT TO (116) LIFT BRIDGE VERT CLEARANCE: N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:



YES

Ν

COUNTY: KNOX

LOG MILE: 1.12

ROUTE: 03784

BRIDGE ID NUMBER: 47037840001 BRIDGE OWNER: CITY OF KNOXVILLE SPECIAL CASE: 0

FIPS CODE: 40000

ROAD NAME: MORRELL RD.

CROSSING: SOUTHERN RAILWAY

LOCATION: 1 MI S OF I40-MORREL RD

IDENTIFICATION

# CLASSIFICATION -

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 93.5

(16a,b) LATITUDE:	N	35.91683 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	84.03028 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS F
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	URBAN COLLE
(001) DEDOENT OUT DE			(404) 54544454 551505	

0

(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

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(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: 1989 (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (42b) UNDER BRIDGE: **RAILROAD** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 47.6 FT (49) TOTAL BRIDGE LENGTH: 142.4 FT (50a) LEFT SIDEWALK WIDTH: 4.9 FT (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (51) BRIDGE CURB TO CURB WIDTH: 65 FT 77.1 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 65.0 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: 65.0 FT **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 22.77 FT

(55a) HORZ UNDERCLR: RAILROAD 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** (39) NAVIGATION VERTICAL CLEARANCE: N/A

(116) LIFT BRIDGE VERT CLEARANCE: N/A

(40) NAVIGATION HORZ CLEARANCE: N/A

**ROUTE** 

**ECTOR** 

(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC

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

(110) NATIONAL TRUCK ROUTE: NOT 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:	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: 4 (69) UNDERCLEARANCE RATING: 5 (71) WATERWAY ADEQUACY: Ν (72) APPROACH ROADWAY ALIGNMENT:

(36) TRAFFIC SAFETY FEATURES: 1NNN

(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: 6/22/2018 (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



YES

7

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N/A

5/21/2018

24

N/A

N/A

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1NNN

HS-20-44

BRIDGE ID NUMBER: 47037890003 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 03789 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: ATLANTIC AVE. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 2.91 LOCATION: IN NE KNOXVILLE SUFFICIENCY RATING: 97.4 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.99932 DEGREES (17a,b) LONGITUDE: 83.92832 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: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE NOT BEEN DETERMINED CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: 1989 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: **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: 84.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 96.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 6.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 6.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 32.2 FT RECOMMENDED IMPROVEMENTS 47.9 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 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: 32.2 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 PRODUCED PURSUANT TO (116) LIFT BRIDGE VERT CLEARANCE: N/A

N/A

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COUNTY: KNOX

ROUTE: 04175

BRIDGE ID NUMBER: 470A1220003 BRIDGE OWNER: CITY OF KNOXVILLE FIPS CODE: 40000 SPECIAL CASE: 0

ROAD NAME: LOVES CREEK RD. COUNTY SEQUENCE: 1 CROSSING: LOVE CREEK LOG MILE: 0.37 LOCATION: E OF 1640 - N OF US11 SUFFICIENCY RATING: 72.8

LOCATION: E OF 1640 - N OF US11	SUFFICIENCY RATING: 72.8
IDENTIFICATION ————	
(16a,b) LATITUDE: N 36.02287 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.86002 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
	(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 SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N
(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): 7
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: OTHER OR UNKNOWN
	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: 1965 (42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY  (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: 2
	(69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 12.1 FT	(71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH:       32.2 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: 1111
(51) BRIDGE CURB TO CURB WIDTH: 24 FT	(113) SCOUR CONDITION RATING: U
(52) BRIDGE OUT TO OUT WIDTH: 25.3 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 21.0 FT	(75) TYPE OF WORK: BRIDGE REPLACEMENT
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 54.1 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$434,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$44,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$652,000.00
(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: 5/7/2018
(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
NAVIGATION DATA	(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

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**URBAN COLLECTOR** 

COUNTY: KNOX

LOG MILE: 0.54

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 94.3

ROUTE: 04175

BRIDGE ID NUMBER: 470A1220007 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: LOVES CREEK RD.

CROSSING: BRANCH

LOCATION: LOVES CR RD - NE OF 1640

# CLASSIFICATION -

 IDENTIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.02520 DEGREES (17a,b) LONGITUDE: 83.86127 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:

# BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

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

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

# AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1980 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **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: 11.2 FT (49) TOTAL BRIDGE LENGTH: 25.6 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 36.7 FT 41 FT (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: 36.7 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 N/A

(40) NAVIGATION HORZ CLEARANCE:

(103) TEMPORARY BRIDGE:

(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):

#### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: 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: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N00 (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/7/2018 (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: 470A1220001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 04175 SPECIAL CASE: 0 FIPS CODE: 40000 ROAD NAME: LOVES CREEK RD. COUNTY SEQUENCE: 1 CROSSING: LOVE CREEK LOG MILE: 0.85 LOCATION: LOVES CR RD - E OF 1640 SUFFICIENCY RATING: 70.5 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.02957 DEGREES (17a,b) LONGITUDE: w 83.86298 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: 2 (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: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: **OPEN APPRAISAL** (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING:

0.0 FT

22.6 FT

24.6 FT

21.0 FT

1935	(27) YEAR THE BRIDGE WAS BUILT:
1965	(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
22.6 FT	(48) MAXIMUM SPAN LENGTH:
54.5 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
•.•	(JUA) LLI I SIDLVVALIK WIDTTI.

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 58 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.6 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** 

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

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

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

**PUBLICATION DATE** 19-Mar-20

(50b) RIGHT SIDEWALK WIDTH:

(51) BRIDGE CURB TO CURB WIDTH:

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

(52) BRIDGE OUT TO OUT WIDTH:

# YES **NOT A NHS ROUTE URBAN COLLECTOR NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** CONDITION RATINGS 6 6 6 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): Ν DESIGN LOAD AND WEIGHT POSTING OTHER OR UNKNOWN ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS 6 2 N (71) WATERWAY ADEQUACY: 6 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N00 (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 54.5 FT (94) BRIDGE IMPROVEMENT COST: \$216,000.00 (95) ROADWAY IMPROVEMENT COST: \$22,000.00 (96) TOTAL PROJECT COST: \$325,000.00

(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

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

2018

24

N/A

N/A

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5/7/2018

# NATIONAL BRIDGE INVENTORY



YES

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470B9100001 COUNTY: KNOX BRIDGE OWNER: CITY OF FARRAGUT ROUTE: 04823 FIPS CODE: 25760 SPECIAL CASE: 0 ROAD NAME: OLD STAGE RD. COUNTY SEQUENCE: 1 CROSSING: LITTLE TURKEY CREEK LOG MILE: 1.20 LOCATION: S OF US70-JUST E OF CO LI SUFFICIENCY RATING: 83.5 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.86398 DEGREES (17a,b) LONGITUDE: 84.20062 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 (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: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1985 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY:

GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 17.1 FT

(49) TOTAL BRIDGE LENGTH: 37.1 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 30.8 FT 35.8 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 15 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 30.5 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

**NOT A NHS ROUTE URBAN COLLECTOR 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 6 4 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N00 (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: **NOT APPLICABLE** (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 4/27/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

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

(92c) SPECIAL INSP FREQUENCY (MONTHS):

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N/A



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COUNTY: KNOX

BRIDGE ID NUMBER: 470A0610001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: AMHERST RD.

CROSSING: CSX RAILROAD

LOCATION: 3.3 M SW OF SR62-I640 JCT

# ROUTE: 04824 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 1.12 SUFFICIENCY RATING: 97.2

	CLASSIFICATION —
(16a,b) LATITUDE: <b>N 35.95935 DEGREES</b>	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.02770 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: <b>NOT APPLICABLE</b>
(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 PRECAST PANELS	(59) SUPERSTRUCTURE: 8 (60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7 (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: 1992	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: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7
	(68) DECK GEOMETRY: 6
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:
(48) MAXIMUM SPAN LENGTH: 121.1 FT	(71) WATERWAY ADEQUACY: N
(49) TOTAL BRIDGE LENGTH: 297.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1000
(51) BRIDGE CURB TO CURB WIDTH: 40 FT	(113) SCOUR CONDITION RATING: N
(52) BRIDGE OUT TO OUT WIDTH: 42 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 38.1 FT	(75) TYPE OF WORK: <b>NOT APPLICABLE</b>
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 60 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: RAILROAD BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 23.2 FT	(90) DATE OF LAST REGULAR INSPECTION: 4/5/2018
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(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: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS): N
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A

**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:



COUNTY: KNOX

ROUTE: 04825

BRIDGE ID NUMBER: 470B9050001 BRIDGE OWNER: CITY OF FARRAGUT SPECIAL CASE: 0 FIPS CODE: 25760 ROAD NAME: VIRTUE RD. COUNTY SEQUENCE: 1

CROSSING: LITTLE TURKEY CREEK LOG MILE: 0.51 LOCATION: S OFF US70 IN FARRAGUT SUFFICIENCY RATING: 70.5

LOCATION: S OFF US70 IN FARRAGUT	SUFFICIENCY RATING: 70.5
IDENTIFICATION ———	
(16a,b) LATITUDE: N 35.86100 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: <b>W</b> 84.18513 <b>DEGREES</b>	(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
	(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
(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: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
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: OTHER OR UNKNOWN
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1935 (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	(70) BRIDGE POSTING CODE: 5
(42b) UNDER BRIDGE: WATERWAY	(41) WT POSTING STATUS: WEIGHT POSTED
(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: 2
	(69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 32.2 FT	(71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH: 65.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0111
(51) BRIDGE CURB TO CURB WIDTH: 20 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 22.3 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 15.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 65.9 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$287,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$29,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$431,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 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: 4/27/2018
(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
	(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

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PRODUCED PURSUANT TO

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



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22.6 FT

2018

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N/A

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\$212,000.00

\$22,000.00

\$319,000.00

6/14/2018

HS-20-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47048310001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 04831 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: CALLAHAN DR. COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 1.95 LOCATION: CITY OF KNOXVILLE SUFFICIENCY RATING: 73.5 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.02605 DEGREES (17a,b) LONGITUDE: w 83.99480 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: 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): 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: **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: 9.8 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 22.6 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: **UNDER FILL**  RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 71.9 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: 36.1 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

**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:



BRIDGE ID NUMBER: 47L37710001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: N. WEISGARBER RD. CROSSING: FOURTH CREEK

LOCATION: WEISGARBER RD-AT BEARDEN

COUNTY: KNOX ROUTE: 05289 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.34 SUFFICIENCY RATING: 96.6

IDENTIFICATION —	FICATION ————————————————————————————————————		
(16a,b) LATITUDE: N 35.93588 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES		
(17a,b) LONGITUDE: W 84.00723 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: 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 SPANS:	CONDITION RATINGS		
(46) NUMBER OF APPROACH SPANS:	(FO) DECK:		
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(FO) SUPERSTRUCTURE.		
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: N		
A) TYPE OF SURFACE:  ASPHALI	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8		
B) TYPE MEMBRANE: NONE	(CO) CUILVEDT CONDITION (IE ADDI ICADI E).		
C) TYPE PROTECTION: NONE	DEGLOVE CAR AND WEIGHT BOOTING		
AGE AND SERVICE	(31) DESIGN LOADING: <b>HS-20-44</b>		
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS		
(27) YEAR THE BRIDGE WAS BUILT: 2010 (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: OPEN		
(42b) CNDER BRIDGE.	ADDDAIGAL		
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	APPRAISAL ————		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 6	(67) STRUCTURAL EVALUATION:		
(28b) NUMBER OF LANES UNDER THE BRIDGE:	(67) STRUCTURAL EVALUATION:		
(28b) NUMBER OF LANES UNDER THE BRIDGE: GEOMETRIC DATA	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  N		
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 18.0 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  N  (71) WATERWAY ADEQUACY:		
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  (49) TOTAL BRIDGE LENGTH:  46.9 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: 18.0 F1  (49) TOTAL BRIDGE LENGTH: 46.9 F1  (50a) LEFT SIDEWALK WIDTH: 0.0 F1	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  1111		
(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:  6.9 F1	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (1111)  (113) SCOUR CONDITION RATING:		
(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: (67) CONTROL BRIDGE  GEOMETRIC DATA  18.0 F1  46.9 F1  46.9 F1	(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		
(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: 49.2 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		
(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: 49.2 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		
(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: (59) GEOMETRIC DATA  40 F1 49.2 F1	(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:  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:  NO MEDIAN	(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: (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: 30 DEGREES	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (111)  (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:		
(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:  (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:  (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:  (64) MAXIMUM SPAN LENGTH: (65) F1 (65) F1 (65) F1 (65) F1 (67) F1 (68) F1 (69) F1 (69) F1 (69) F1 (69) F1 (60) F1 (60	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (111)  (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:  48.0 F1 46.9 F1 46.9 F1 46.9 F1 46.9 F1 46.9 F1 47.0 F1 48.0	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (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:  (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: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (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:  (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:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION:  3/12/2020		
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 APPLICABLE	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (111)  (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		
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 (155a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (NOT A HIGHWAY OR RAILROAD (155a) HORZ UNDERCLR: (NOT A HIGHWAY (155a) HORZ UNDERCLR (155a) HORZ UNDERCLR (155a) HORZ UNDERCLR (155a) HORZ UNDERCLR (155a) HOR	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (111)  (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: (54b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: (18.0 FT) (18.0 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (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:  (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  (93c) DATE OF SPECIAL INSPECTION (MO/YR):  N/A		

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



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N/A

4/25/2018

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N/A

N/A

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HS-20-44

BRIDGE ID NUMBER: 470B8180001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05615 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: PARKSIDE DR. COUNTY SEQUENCE: 1 CROSSING: TURKEY CREEK LOG MILE: 2.48 LOCATION: PARKSIDE DRIVE EXTENSION SUFFICIENCY RATING: 78.0 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: 35.90052 DEGREES Ν (17a,b) LONGITUDE: 84.14142 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: 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: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: UNKNOWN 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: 1999 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: 4 (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: 39.4 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: 89.2 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 106 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 93.5 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - NO BARRIER** (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: 89.2 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

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

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BRIDGE ID NUMBER: 470E1290001
BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: ANDES RD.

CROSSING: MEADOW CREEK

LOCATION: E OF SR131-S OF SR62

COUNTY: KNOX
ROUTE: 05619
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.17

SUFFICIENCY RATING: 71.3

#### IDENTIFICATION ————————

(16a,b) LATITUDE:N35.96030DEGREES(17a,b) LONGITUDE:W84.10248DEGREES(98a) BORDER 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 PRECAST PANELS

(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

# (27) YEAR THE BRIDGE WAS BUILT: 1970 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A

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

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

 GEOMETRIC DATA

 (48) MAXIMUM SPAN LENGTH:
 20.0 FT

 (49) TOTAL BRIDGE LENGTH:
 22.0 FT

 (50a) LEFT SIDEWALK WIDTH:
 0.0 FT

 (50b) RIGHT SIDEWALK WIDTH:
 0.0 FT

 (51) BRIDGE CURB TO CURB WIDTH:
 20 FT

 (52) BRIDGE OUT TO OUT WIDTH:
 21.3 FT

(33) BRIDGE MEDIAN:
(34) BRIDGE SKEW:

NO MEDIAN
8 DEGREES

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

(35) BRIDGE FLARE: NO FLARE
 (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 19.7 FT

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

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

(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE

NAVIGATION DATA

(38) NAV CONTROL: NO NAVIGATION CONTROL

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

PUBLICATION DATE

## CLASSIFICATION • (112) MEETS NBIS BRIDGE LENGTH:

(112) MEETS NBIS BRIDGE LENGTH:
(104) NATIONAL HIGHWAY SYSTEM:
(26) FUNCTIONAL CLASS:
(101) PARALLEL BRIDGE:
(102) TRAFFIC DIR:
(103) TEMPORARY BRIDGE:

NOT APPLICABLE

YES
NOT A NHS ROUTE
URBAN COLLECTOR
NO PARALLEL BRIDGE
2-WAY TRAFFIC
NOT APPLICABLE

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

#### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING:

WEIGHT POSTING (2 AXLE VEHICLES):

WEIGHT POSTING (3 OR MORE AXLES):

(70) BRIDGE POSTING CODE:

OTHER OR UNKNOWN

ALL LEGAL LOADS

ALL LEGAL LOADS

(41) WT POSTING STATUS: OPEN

0

17.1 FT

#### **APPRAISAL**

(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:
8

#### RECOMMENDED IMPROVEMENTS

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

 (76)
 LENGTH OF BRIDGE IMPROVEMENT:
 22 FT

 (94)
 BRIDGE IMPROVEMENT COST:
 \$133,000.00

 (95)
 ROADWAY IMPROVEMENT COST:
 \$14,000.00

 (96)
 TOTAL PROJECT COST:
 \$200,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/9/2018
(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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2018



YES

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Ν

Ν

7

5

5

Ν

N

8

8

8

NN<sub>0</sub>0

41 FT

2018

24

N/A

N/A

Ν

Ν

\$278,000.00

\$28,000.00

\$418,000.00

4/25/2018

BRIDGE ID NUMBER: 47M37860001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05620 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: EBENEZER RD. COUNTY SEQUENCE: 1 CROSSING: TEN MILE CREEK LOG MILE: 0.68 LOCATION: IN KNOXVILLE SUFFICIENCY RATING: 79.7 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.91285 DEGREES (17a,b) LONGITUDE: 84.07902 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: 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: **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: NONE DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: NONE (31) DESIGN LOADING: OTHER OR UNKNOWN - 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: **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: 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: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 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: 29.5 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 (38) NAV CONTROL: **NO NAVIGATION CONTROL** (92c) SPECIAL INSP FREQUENCY (MONTHS): (39) NAVIGATION VERTICAL CLEARANCE: N/A PRODUCED PURSUANT TO

N/A

N/A

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PUBLIC RECORDS REQUEST

(116) LIFT BRIDGE VERT CLEARANCE:



YES

7

7

8

7

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7

7

N

7

8

8

N/A

6/20/2018

24

N/A

N/A

Ν

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1111

HS-15-44

COUNTY: KNOX

ROUTE: 05624

BRIDGE ID NUMBER: 470E5020001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0

ROAD NAME: DRY GAP PK. COUNTY SEQUENCE: 1 CROSSING: BEAVER CREEK LOG MILE: 1.99 LOCATION: DRY GAP PK.-E OF I75 SUFFICIENCY RATING: 94.7

#### IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.05870 DEGREES (17a,b) LONGITUDE: w 83.97312 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: 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: 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: (42a) SERVICE ON BRIDGE: **HIGHWAY** (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: 62.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 185.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 6.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 6.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 65.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 83 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 47.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - NO BARRIER** (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: 65.9 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

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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: 470A0850001 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 40000 ROAD NAME: DRY GAP PK.

CROSSING: SOUTHERN RAILWAY LOCATION: FOF 175 AT CITY LIMITS

COUNTY: KNOX

ROUTE: 05626

COUNTY SEQUENCE: 1 LOG MILE: 0.37 SLIFFICIENCY RATING: 90 7

SPECIAL CASE: 0

LOCATION: E OF 175 AT CITY LIMITS	SUFFICIENCY RATING: 90.7	
IDENTIFICATION ———		
(16a,b) LATITUDE: N 36.02007 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.97637 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	
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE 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: <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: 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: 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: 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: 6	
GEOMETRIC DATA	(68) DECK GEOMETRY: 6	
(48) MAXIMUM SPAN LENGTH: 57.1 FT	(69) UNDERCLEARANCE RATING: 9	
(49) TOTAL BRIDGE LENGTH: 160.1 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: 1000	
(51) BRIDGE CURB TO CURB WIDTH: 40 FT	(113) SCOUR CONDITION RATING:	
(52) BRIDGE OUT TO OUT WIDTH: 42 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.0 FT	(75) TYPE OF WORK: <b>NOT APPLICABLE</b>	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A	
(34) BRIDGE SKEW: 22 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: RAILROAD BENEATH BRIDGE	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: 23.2 FT	(90) DATE OF LAST REGULAR INSPECTION: 4/5/2018	
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: 21 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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX

BRIDGE ID NUMBER: 470A0850003 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: RIFLE RANGE RD.

CROSSING: BRANCH

LOCATION: 2.5 M N OF SHARPS GAP EXC

ROUTE: 05626 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 1.48

SUFFICIENCY RATING: 72.7

IDENTIFICATION ————			
(16a,b) LATITUDE: N 36.03387 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES		
(17a,b) LONGITUDE: W 83.96932 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	(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: <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): 7		
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: 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: 3		
(48) MAXIMUM SPAN LENGTH: 24.0 FT	(69) UNDERCLEARANCE RATING:		
(49) TOTAL BRIDGE LENGTH: 25.9 FT	(71) WATERWAY ADEQUACY: 6		
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8		
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: NNNN		
(51) BRIDGE CURB TO CURB WIDTH: 23 FT	(113) SCOUR CONDITION RATING: 8		
(52) BRIDGE OUT TO OUT WIDTH: 24.9 FT	RECOMMENDED IMPROVEMENTS		
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)		
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 25.9 FT		
(34) BRIDGE SKEW: 49 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$87,000.00		
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$9,000.00		
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$131,000.00		
(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: 4/5/2018		
(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: 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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



**NOT ON TRUCK NETWORK** 

COUNTY: KNOX

ROUTE: 05635

BRIDGE ID NUMBER: 470C8020001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000 ROAD NAME: ASBURY RD. CROSSING: BRANCH

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.99

SUFFICIENCY RATING: 61.2

LOCATION: ASBURY RD-	N OF SR168		SUFFICIENCY RA
IDENTIFICA	TION —		CLASSIFICAT
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE	W 83.848	DEGREES DEGREES N/A	(112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS:
(98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER:	NOT	N/A APPLICABLE	(101) PARALLEL BRIDGE: (102) TRAFFIC DIR:
BRIDGE TYPE AND (43a) MAIN SPAN MATERIAL: CONC (44a) APPR SPAN MATERIAL: NOT A	RETE		(103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROUTE: (37) HISTORICAL CLASS: HISTORI NOT BEE
(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS (107) TYPE OF DECK: (108) TYPE OF WEARING SURFACE A A) TYPE OF SURFACE: B) TYPE MEMBRANE: C) TYPE PROTECTION:	CONCRETE CA		(58) DECK: (59) SUPERSTRUCTURE: (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNE (62) CULVERT CONDITION (IF APPLIC)  DESIGN LOAD AND WE
AGE AND SE (27) YEAR THE BRIDGE WAS BUILT:	RVICE -	1926	(31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES

AGE AND SERVICE —			
1926	(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			
22.0 FT	(48) MAXIMUM SPAN LENGTH:		
	(40) TOTAL PRIDOE LENOTH		

(49) TOTAL BRIDGE LENGTH:	24.9	FT
(50a) LEFT SIDEWALK WIDTH:	0.0	FT
(50b) RIGHT SIDEWALK WIDTH:	0.0	FT
(51) BRIDGE CURB TO CURB WIDTH:	20	FT
(52) BRIDGE OUT TO OUT WIDTH:	22.3	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	15.1	FT

NO MEDIAN	(33) BRIDGE MEDIAN:
54 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
DWAY: <b>20.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROAD
SHWAY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGH
NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:
SHWAY OR RAILROAD	(55a) HORZ UNDERCLR: <b>NOT A HIG</b>
NOT APPLICABLE	(55b) MIN HORZ UNDERCLR ON RIGHT:
NOT APPLICABLE	(56) MIN HORZ UNDERCLR ON LEFT:

	NAVIGA	TION DATA
38)	NAV CONTROL:	NO NAVIGATION CONTROL

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

#### CLASSIFICATION =

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

(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):	5

#### DESIGN LOAD AND WEIGHT POSTING

OTHER OR UNKNOWN	(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:	3
(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: **BRIDGE WIDENING (NO DECK REPAIRS** 

	NEEDED)	
(76)	LENGTH OF BRIDGE IMPROVEMENT:	24.9 FT
(94)	BRIDGE IMPROVEMENT COST:	\$76,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$8,000.00
(96)	TOTAL PROJECT COST:	\$115,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2018
	INSPECTION DATES —	

#### (90) DATE OF LAST REGULAR INSPECTION: 3/12/2020 (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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112.9 FT

\$673,000.00

\$1,010,000.00

\$68,000.00

6/5/2018

2018

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N/A

N/A

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HS-20-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470E2150001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 05637 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: HARRELL RD. COUNTY SEQUENCE: 1 CROSSING: BEAVER CREEK LOG MILE: 0.71 LOCATION: N OFF SR62 SUFFICIENCY RATING: 79.5 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.99615 DEGREES (17a,b) LONGITUDE: 84.08505 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: (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: 1985 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: 38.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 112.9 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 30.2 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 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: 27.9 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:



YES

**NHS ROUTE** 

BRIDGE ID NUMBER: 470E9900001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

C) TYPE PROTECTION:

ROAD NAME: ED SHOUCE DR. CROSSING: THIRD CREEK

LOCATION: W OF 175-S OF SR62-FRONTA

COUNTY: KNOX ROUTE: 05643 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.25 SUFFICIENCY RATING: 79.8

#### IDENTIFICATION - CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.96768 DEGREES (17a,b) LONGITUDE: 83.98263 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: (102) TRAFFIC DIR: **NOT APPLICABLE** 2-WAY TRAFFIC

**NOT APPLICABLE** 

(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

(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: A) TYPE OF SURFACE: **NOT APPLICABLE** B) TYPE MEMBRANE: **NOT APPLICABLE** 

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1981 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 12.1 FT (49) TOTAL BRIDGE LENGTH: 39.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 86.0 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: 36.1 FT

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

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

#### NAVIGATION DATA

(38) 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

(54a) VERT UNDERCLR:

#### **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: OPFN

	APPRAISAL —
7	(67) STRUCTURAL EVALUATION:
N	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
7	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
NN00	(36) TRAFFIC SAFETY FEATURES:
8	(113) SCOUR CONDITION RATING:

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: OTHER STRUCTURAL WORK

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/17/2018 (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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COUNTY: KNOX

BRIDGE ID NUMBER: 470E9900003 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: ED SHOUCE DR. CROSSING: CSX RAILROAD

LOCATION: FRONTAGE RD-W OF 175

ROUTE: 05643 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.44 SUFFICIENCY RATING: 76.1

IDENTIFICATION —	CLASSIFICATION ———
(16a,b) LATITUDE: N 35.97052 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.98202 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
	(110) NATIONAL TRUCK ROUTE: NOT 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: 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: 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
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1981 (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: 2	APPRAISAL —————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 8
(48) MAXIMUM SPAN LENGTH: 61.7 FT	(69) UNDERCLEARANCE RATING: 7
(49) TOTAL BRIDGE LENGTH: 170.3 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: 1000
(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: 76.1 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 170.3 FT
(34) BRIDGE SKEW: 26 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$1,057,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$106,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$1,586,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	INSPECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: 22.77 FT	(90) DATE OF LAST REGULAR INSPECTION: 3/27/2018
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(55b) MIN HORZ UNDERCLR ON RIGHT: 22.97 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

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(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX ROUTE: 05643

LOG MILE: 0.44

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 52.6

BRIDGE ID NUMBER: 470E9900004
BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: **ED SHOUCE DR.**CROSSING: **CSX RAILROAD** 

LOCATION: FRONTAGE-RD-W OF 175

#### - CLASSIFICATION -

IDENTIFICATION			TION ————
(16a,b) LATITUDE: N	35.97062 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE: W	83.98227 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	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:	LEFT LANE BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	(102) TRAFFIC DIR:	1-WAY TRAFFIC
BRIDGE TYPE AND MAT	FRIAI ————	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(43a) MAIN SPAN MATERIAL: PRESTRESS CONTINUOU	ED CONCRETE	` '	NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: <b>NOT APPLIC</b> (45) NUMBER OF MAIN SPANS:	ABLE 3	CONDITION RA	EN DETERMINED ATINGS ————

#### (58) DECK: (59) SUPERSTRUCTURE:

(60) SUBSTRUCTURE:
4
(61) STREAM CHANNEL AND CHANNEL PROTECTION:
N

(62) CULVERT CONDITION (IF APPLICABLE): N

DESIGN LOAD AND WEIGHT POSTING

# AGE AND SERVICE OGE WAS BUILT: 1981 OGE WAS REHABILITATED: WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS

(75) TYPE OF WORK:

(70) BRIDGE POSTING CODE:

(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: 1000 (113) SCOUR CONDITION RATING: N

#### RECOMMENDED IMPROVEMENTS

` '			
(76) LENGTH O	F BRIDGE IMPROVEMENT:	170.3 F	T

**BRIDGE REHABILITATION** 

(94) BRIDGE IMPROVEMENT COST: \$1,057,000.00

(95) ROADWAY IMPROVEMENT COST: \$106,000.00

(96) TOTAL PROJECT COST: \$1,586,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	3/27/2018
(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
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N

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2019

#### (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: NONE UNKNOWN C) TYPE PROTECTION: AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY RAILROAD** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 61.7 FT (49) TOTAL BRIDGE LENGTH: 170.3 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: 76.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 26 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 42.0 FT (54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE (54b) MIN VERTICAL UNDERCLEARANCE: 24.67 FT (55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 24.93 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



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52.2 FT

2018

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N/A

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\$170,000.00

\$18,000.00

\$256,000.00

5/15/2018

BRIDGE ID NUMBER: 470E5820001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05648 SPECIAL CASE: 0 FIPS CODE: 40000 ROAD NAME: MINERAL SPRINGS RD. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 1.39 LOCATION: NEAR 1640-SR33 JCT SUFFICIENCY RATING: 76.5 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.01472 DEGREES (17a,b) LONGITUDE: w 83.92182 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A LOCAL CITY STREET (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 (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: 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: OTHER OR UNKNOWN - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1910 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-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: 23.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 52.2 FT (72) APPROACH ROADWAY ALIGNMENT: 0.0 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 34.8 FT RECOMMENDED IMPROVEMENTS 40.7 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING WITH DECK REPAIR** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.9 FT OR REPLACEMENT (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: **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 34.8 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** (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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

# NATIONAL BRIDGE INVENTORY



YES

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**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

OTHER OR UNKNOWN

**ALL LEGAL LOADS** 

ALL LEGAL LOADS

**URBAN COLLECTOR** 

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470A0920001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05650 SPECIAL CASE: 0 FIPS CODE: 40000 ROAD NAME: CONCORD ST. COUNTY SEQUENCE: 1 CROSSING: THIRD CREEK LOG MILE: 0.23 LOCATION: N OF SR1-SR158 JCT-TYSON SUFFICIENCY RATING: 54.3 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.95513 DEGREES (17a,b) LONGITUDE: 83.94843 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: NOT 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: 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: **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: 1950 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: **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: 18.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 82.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 5.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 44 FT 54.5 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 44.0 FT

**NO MEDIAN** 

**NO FLARE** 

44.0 FT

N/A

N/A

N/A

39 DEGREES

**NO RESTRICTION** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

#### RECOMMENDED IMPROVEMENTS

NEEDED)

(76) LENGTH OF BRIDGE IMPROVEMENT: 82 FT (94) BRIDGE IMPROVEMENT COST: \$326,000.00 (95) ROADWAY IMPROVEMENT COST: \$33,000.00 (96) TOTAL PROJECT COST: \$490,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/8/2018 (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:

(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** 



YES

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57.1 FT

2019

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N/A

N/A

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\$256,000.00

\$385,000.00

\$26,000.00

4/30/2018

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470A0940001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05651 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: OLD BROADWAY N. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 2.13 LOCATION: NW OF SR 33-I640 JCT SUFFICIENCY RATING: 67.3 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.02113 DEGREES (17a,b) LONGITUDE: w 83.92487 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A 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: (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: 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 NONE C) TYPE PROTECTION: (31) DESIGN LOADING: OTHER OR UNKNOWN - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1943 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: **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: 24.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 57.1 FT (72) APPROACH ROADWAY ALIGNMENT: 4.9 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 40 FT RECOMMENDED IMPROVEMENTS 52.2 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 39.0 FT NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: **40 DEGREES** (95) ROADWAY IMPROVEMENT COST: (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 (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** (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:



BRIDGE ID NUMBER: 470A0970001 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 40000 ROAD NAME: BEVERLY RD. CROSSING: BRANCH

LOCATION: 1.5 M E OF SR33-SR331 JCT

COUNTY: KNOX ROUTE: 05653 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.61

SUFFICIENCY RATING: 67.7

IDENTIFICATION —	
(16a,b) LATITUDE: N 36.03347 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.90283 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
	(103) TEMPORARY BRIDGE: NOT APPLICABLE
BRIDGE TYPE AND MATERIAL	(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
(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: 6
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 5
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
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: OTHER OR UNKNOWN
(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: 2	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
(48) MAXIMUM SPAN LENGTH: 28.9 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 30.5 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: NNNN
(51) BRIDGE CURB TO CURB WIDTH: 21 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH: 23 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 30.5 FT
(34) BRIDGE SKEW: 17 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$168,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$17,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$253,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 21.0 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: 4/30/2018
(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
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO
(116) LIFT BRIDGE VERT CLEARANCE: N/A	PUBLIC RECORDS REQUEST

N/A

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N/A

5/17/2018

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N/A

N/A

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HS-20-44

BRIDGE ID NUMBER: 470A0330001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05662 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: BROOKS AVE. COUNTY SEQUENCE: 1 CROSSING: WILLIAMS CREEK LOG MILE: 1.18 LOCATION: IN KNOXVILLE SUFFICIENCY RATING: 99.6 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.97502 DEGREES (17a,b) LONGITUDE: 83.88670 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: 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: 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-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: 14.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 28.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 5.9 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: 22.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (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: 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: (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): (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



YES

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N/A

12/16/2019

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N/A

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HS-20-44

BRIDGE ID NUMBER: 47000710015 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05665 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: ANITA DR. COUNTY SEQUENCE: 1 CROSSING: SEVIER AVE /S. KNOXVILLE LOG MILE: 0.43 LOCATION: SEVIER AVE IN KNOXVILLE SUFFICIENCY RATING: 98.0 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.95783 DEGREES (17a,b) LONGITUDE: 83.89733 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (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: 1993 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: (28b) NUMBER OF LANES UNDER THE BRIDGE: 6 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 129.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 254.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 4.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 74.1 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 85 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 72.2 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: **58 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: 74.1 FT INSPECTION DATES **HIGHWAY BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 16.7 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 20.01 FT (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (56) MIN HORZ UNDERCLR ON LEFT: (92b) UNDERWATER INSP FREQUENCY (MONTHS): 27.89 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

PUBLIC RECORDS REQUEST (40) NAVIGATION HORZ CLEARANCE: N/A **PUBLICATION DATE** 19-Mar-20

N/A

(116) LIFT BRIDGE VERT CLEARANCE:

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PRODUCED PURSUANT TO



BRIDGE ID NUMBER: 470A0690001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000 ROAD NAME: LONAS DR. CROSSING: BRANCH

LOCATION: N OF I40-NEAR PAPERMILL R

COUNTY: KNOX ROUTE: 05667 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 2.47

SUFFICIENCY RATING: 80.3

CLASSIFICATION -

#### IDENTIFICATION (16a,b) LATITUDE: Ν 35.94223 DEGREES (17a,b) LONGITUDE: 84.01022 DEGREES (98a) BORDER 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: 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: (31) DESIGN LOADING. - AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1935 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY WATERWAY** (42b) UNDER BRIDGE: (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

(52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.3 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE NAVIGATION DATA** 

25.3 FT

0.0 FT

0.0 FT

20.3 FT

22 FT

(38) 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: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: **URBAN COLLECTOR** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

#### **CONDITION RATINGS**

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

#### DESIGN LOAD AND WEIGHT POSTING

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

OTHER OR HINKNOWN

(67) STRUCTURAL EVALUATION:	7
(68) DECK GEOMETRY:	2
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	6
(72) APPROACH ROADWAY ALIGNMENT:	8

(36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 25.3 FT (94) BRIDGE IMPROVEMENT COST: \$142,000.00 (95) ROADWAY IMPROVEMENT COST: \$15,000.00 (96) TOTAL PROJECT COST: \$214,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 3/12/2020 (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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(49) TOTAL BRIDGE LENGTH:

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:

(51) BRIDGE CURB TO CURB WIDTH:



BRIDGE ID NUMBER: 470A1350001
BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000 ROAD NAME: CLINCH AVE.

CROSSING: W CLINCH AVE/WORLD FAIR LOCATION: AT THE WORLD PARK SITE

COUNTY: KNOX
ROUTE: 05673
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.95

SUFFICIENCY RATING: 55.7

- CLASSIFICATION —

IDENTIFICAT	ION —
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER:	N 35.96218 DEGREES W 83.92347 DEGREES N/A N/A NOT APPLICABLE
BRIDGE TYPE AND N	MATERIAL ————
(43a) MAIN SPAN MATERIAL: <b>CONCRE</b> (44a) APPR SPAN MATERIAL: <b>NOT APP</b>	
(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: C (108) TYPE OF WEARING SURFACE AND A) TYPE OF SURFACE: B) TYPE MEMBRANE:	15 0 ONCRETE CAST-IN-PLACE D DECK PROTECTION: MONOLITHIC CONCRETE NONE
C) TYPE PROTECTION: EPOX	XY COATED REINFORCING
AGE AND SER	VICE ———
<ul> <li>(27) YEAR THE BRIDGE WAS BUILT:</li> <li>(106) YEAR THE BRIDGE WAS REHABIL</li> <li>(42a) SERVICE ON BRIDGE:</li> <li>(42b) UNDER BRIDGE:</li> <li>(28a) NUMBER OF LANES CARRIED BY</li> <li>(28b) NUMBER OF LANES UNDER THE E</li> </ul>	HIGHWAY-PEDESTRIAN HIGHWAY-RAILROAD BRIDGE: 3
GEOMETRIC D	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)	49.9 FT 756.9 FT 6.9 FT 5.9 FT 36.1 FT 52.5 FT WIDTH: 36.1 FT
(33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE:	NO MEDIAN 11 DEGREES NO FLARE
(520) MIN VERTICAL CLEARANCE OVER	
(54b) MIN VERTICAL UNDERCLEARANC	ILROAD BENEATH BRIDGE E: 19.03 FT GHWAY BENEATH BRIDGE
(38) NAV CONTROL:	NOT APPLICABLE

•		
	(112) MEETS NBIS BRIDGE LENGTH:	YES
	(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
	(26) FUNCTIONAL CLASS:	URBAN COLLECTOR
	'	NO PARALLEL BRIDGE
	(102) TRAFFIC DIR:	2-WAY TRAFFIC
	(103) TEMPORARY BRIDGE:	NOT APPLICABLE
	' '	ON TRUCK NETWORK
	(37) HISTORICAL CLASS: BRIDGE IS ON	
	REGISTER	THE NATIONAL
	——— CONDITION RATING	is ———
	(58) DECK:	5
	(59) SUPERSTRUCTURE:	6
	(60) SUBSTRUCTURE:	5
	(61) STREAM CHANNEL AND CHANNEL PRO	
	` '	
	(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 (3 OR MORE AXLES):	ALL LEGAL LOADS
	(70) BRIDGE POSTING CODE:	5
	(41) WT POSTING STATUS: <b>OPEN</b>	
	APPRAISAL	
	(67) STRUCTURAL EVALUATION:	5
	(68) DECK GEOMETRY:	2
	(69) UNDERCLEARANCE RATING:	3
	(71) WATERWAY ADEQUACY:	N
	(72) APPROACH ROADWAY ALIGNMENT:	8
	(36) TRAFFIC SAFETY FEATURES:	0NNN
	(113) SCOUR CONDITION RATING:	N
	RECOMMENDED IMPROV	EMENTS ———
	(75) TYPE OF WORK: BRIDGE WIDENING OR REPLACEMENT	WITH DECK REPAIR T
	(76) LENGTH OF BRIDGE IMPROVEMENT:	756.9 FT
	(94) BRIDGE IMPROVEMENT COST:	\$2,072,000.00
	(95) ROADWAY IMPROVEMENT COST:	\$208,000.00
	(96) TOTAL PROJECT COST:	\$3,109,000.00
	(97) YEAR OF IMPROVEMENT COST ESTIM	IATE: 2020
	INSPECTION DATE	s ———
	(90) DATE OF LAST REGULAR INSPECTION:	6/25/2018
	(91) REGULAR INSPECTION FREQUENCY (N	MONTHS): 24
	(93b) DATE OF LAST UNDERWATER INSP (N	MO/YR): N/A
	(92b) UNDERWATER INSP FREQUENCY (MC	NTHS): N
	(93c) DATE OF SPECIAL INSPECTION (MO/Y	R): <b>N/A</b>
	(92c) SPECIAL INSP FREQUENCY (MONTHS	

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

N/A

N/A

N/A



BRIDGE ID NUMBER: 470A1310001
BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000 ROAD NAME: 5TH AVE.

CROSSING: SECOND CR & SOU RWY LOCATION: JUST NE OF 140-1275 JCT

COUNTY: KNOX
ROUTE: 05676
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.16

SUFFICIENCY RATING: 79.7

CLASSIFICATION

LOCATION. JUST NE OF 140-1275 JCT		
IDENTIFICA	TION —	
(16a,b) LATITUDE:	N 35.97177 DEGREES	
(17a,b) LONGITUDE:	W 83.92658 DEGREES	
(98a) BORDER BRIDGE STATE CODE:	N/A	
(98b) PERCENT SHARE:	N/A	
(99) BORDER BRIDGE NUMBER:	NOT APPLICABLE	
BRIDGE TYPE AND	MATERIAL ———	
(43a) MAIN SPAN MATERIAL: CONCR	ETE	
(44a) APPR SPAN MATERIAL: NOT AF	PLICABLE	
(45) NUMBER OF MAIN ORANG	40	
(45) NUMBER OF MAIN SPANS:	13	
(46) NUMBER OF APPROACH SPANS:	0	
\ - /	CONCRETE CAST-IN-PLACE	
(108) TYPE OF WEARING SURFACE AN		
A) TYPE OF SURFACE:	MONOLITHIC CONCRETE	
B) TYPE MEMBRANE:	NONE	
C) TYPE PROTECTION:	NONE	
AGE AND SEI		
(27) YEAR THE BRIDGE WAS BUILT:	1935	
(106) YEAR THE BRIDGE WAS REHABI		
	HIGHWAY-PEDESTRIAN	
(125) 51152115115521	RAILROAD-WATERWAY	
(28a) NUMBER OF LANES CARRIED BY		
(28b) NUMBER OF LANES UNDER THE		
GEOMETRIC	DATA	
(48) MAXIMUM SPAN LENGTH:	47.9 FT	
(49) TOTAL BRIDGE LENGTH:	432.1 FT	
(50a) LEFT SIDEWALK WIDTH:	6.6 FT	
(50b) RIGHT SIDEWALK WIDTH:	6.6 FT	
(51) BRIDGE CURB TO CURB WIDTH:	40 FT	
(52) BRIDGE OUT TO OUT WIDTH:	52.8 FT	
(32) APPROACH ROADWAY (W/ SHLDS	S) WIDTH: <b>40.0 FT</b>	
(33) BRIDGE MEDIAN:	NO MEDIAN	
(34) BRIDGE SKEW:	5 DEGREES	
(35) BRIDGE FLARE:	NO FLARE	
(520) MIN VERTICAL CLEARANCE OVE	R RD: NO RESTRICTION	
(47) MIN HORIZONTAL CLEARANCE O		
(54a) VERT UNDERCLR: RA	AILROAD BENEATH BRIDGE	
(54b) MIN VERTICAL UNDERCLEARAN	CE: <b>22.44 FT</b>	
	AILROAD BENEATH BRIDGE	
(55b) MIN HORZ UNDERCLR ON RIGHT	T: <b>10.17 FT</b>	
(56) MIN HORZ UNDERCLR ON LEFT:		
NAVIGATION DATA		
(38) NAV CONTROL:	NO NAVIGATION CONTROL	
(39) NAVIGATION VERTICAL CLEARA		
(440) LIET DDIDOE VEDT OF EADAMOE	B1/A	

CLASSII ICATION	
(112) MEETS NBIS BRIDGE LENGTH:	YES
(104) NATIONAL HIGHWAY SYSTEM: NOT A	A NHS ROUTE
(26) FUNCTIONAL CLASS: URBAN	COLLECTOR
(101) PARALLEL BRIDGE: NO PARA	LLEL BRIDGE
(102) TRAFFIC DIR: 2-1	WAY TRAFFIC
(103) TEMPORARY BRIDGE: NOT	APPLICABLE
(110) NATIONAL TRUCK ROUTE: NOT ON TRUC	CK NETWORK
(37) HISTORICAL CLASS: HISTORICAL SIGNIFICAL	NCE HAS
NOT BEEN DETERMINE	D
CONDITION RATINGS	
(58) DECK:	6
(59) SUPERSTRUCTURE:	6
(60) SUBSTRUCTURE:	6
(61) STREAM CHANNEL AND CHANNEL PROTECTION	l: <b>7</b>
(62) CULVERT CONDITION (IF APPLICABLE):	N
DESIGN LOAD AND WEIGHT POSTII	NG ——
(31) DESIGN LOADING:	HS-20-44
	EGAL LOADS
WEIGHT POSTING (3 OR MORE AXLES): ALL L	EGAL LOADS
(70) BRIDGE POSTING CODE:	5
(41) WT POSTING STATUS: OPEN	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	2
(69) UNDERCLEARANCE RATING:	4
(71) WATERWAY ADEQUACY:	8
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	0NNN
(113) SCOUR CONDITION RATING:	8
RECOMMENDED IMPROVEMENT	s ——
(75) TYPE OF WORK: BRIDGE WIDENING (NO DEC	
(76) LENGTH OF BRIDGE IMPROVEMENT:	432.1 FT
(94) BRIDGE IMPROVEMENT COST:	\$1,870,000.00
(95) ROADWAY IMPROVEMENT COST:	\$188,000.00
(96) TOTAL PROJECT COST:	\$2,806,000.00
(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2018
INSPECTION DATES —	
(90) DATE OF LAST REGULAR INSPECTION:	6/29/2018
(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
(00c) OREGIN INOR ERECUENCY (MONTH).	IV/A

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

N/A

N/A

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX

ROUTE: 05859

BRIDGE ID NUMBER: 470A0210001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: GREENWAY DR. CROSSING: WHITE CREEK

LOCATION: 1.5 M E OF SR33-SR331 JCT

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 1.32

SUFFICIENCY RATING: 63.8

IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 36.03053 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.90318 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
(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:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>6</b>
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(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: 7
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: OTHER OR UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT: 1950	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: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 24.0 FT	(69) UNDERCLEARANCE RATING:
(49) TOTAL BRIDGE LENGTH: 25.9 FT	(71) WATERWAY ADEQUACY: 6
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: ONNN
(51) BRIDGE CURB TO CURB WIDTH: 24 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 26.9 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 25.9 FT
(34) BRIDGE SKEW: 15 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$76,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$8,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$115,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 24.0 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: 4/30/2018
(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
NAVIGATION DATA	(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

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

(116) LIFT BRIDGE VERT CLEARANCE:



YES

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0NNN

HS-20-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47SR1580037 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05860 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: W. CHURCH AVE. COUNTY SEQUENCE: 1 CROSSING: W. CHURCH AVE / 5 RTS LOG MILE: 0.38 LOCATION: DOWNTOWN KNOXVILLE SUFFICIENCY RATING: 95.6 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.96407 DEGREES (17a,b) LONGITUDE: 83.91552 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A LOCAL CITY STREET (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: STEEL CONTINUOUS (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS (44a) APPR SPAN MATERIAL: NOT APPLICABLE **NOT BEEN DETERMINED**  CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 6 (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: INTEGRAL 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: 2006 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-PEDESTRIAN** (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: 13 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 99.7 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 562.7 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 6.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 6.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 40 FT RECOMMENDED IMPROVEMENTS 56.1 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: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	6/5/2018
(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

PUBLIC RECORDS REQUEST (40) NAVIGATION HORZ CLEARANCE: N/A This document is covered by 23 USC §409 **PUBLICATION DATE** 

**NOT APPLICABLE** 

**NO MEDIAN** 

0 DEGREES

NO RESTRICTION

**HIGHWAY BENEATH BRIDGE** 

**HIGHWAY BENEATH BRIDGE** 

NO FLARE

40.0 FT

17.06 FT

4.59 FT

5.91 FT

N/A

N/A

and its production pursuant to a public document records request does not waive the provisions of §409

PRODUCED PURSUANT TO

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(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:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

NAVIGATION DATA =



YES

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7

5

5

2

N

7

8

8

0N11

37.7 FT

2018

24

N/A

N/A

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\$173,000.00

\$260,000.00

\$18,000.00

4/4/2018

H-15-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470A0360001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 05861 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: HUCKLEBERRY SPRINGS RD. COUNTY SEQUENCE: 1 CROSSING: SWAN POND CREEK LOG MILE: 0.46 LOCATION: S OFF I40-E OF SR168 SUFFICIENCY RATING: 61.3 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.00192 DEGREES (17a,b) LONGITUDE: w 83.76640 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: 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: 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): 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 (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: 37.7 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: 20.7 FT RECOMMENDED IMPROVEMENTS 22 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT NEEDED) (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: 20.7 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** (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



YES

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N/A

5/8/2018

24

N/A

N/A

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**NN01** 

HS-20-44

ALL LEGAL LOADS

ALL LEGAL LOADS

**NO PARALLEL BRIDGE** 

NOT ON TRUCK NETWORK

2-WAY TRAFFIC

**NOT APPLICABLE** 

BRIDGE ID NUMBER: 470A0530001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05863 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: BRIDGEWATER RD. COUNTY SEQUENCE: 1 CROSSING: TEN MILE CREEK LOG MILE: 1.44 LOCATION: N OFF I40 AT WALKER SPRGS SUFFICIENCY RATING: 94.9 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: Ν 35.92523 DEGREES 84.07248 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** LOCAL CITY STREET

(16a,b) LATITUDE: (17a,b) LONGITUDE: (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: 1997 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: 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: 35.8 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: 29.9 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: 29.9 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:



COUNTY: KNOX

ROUTE: 05865

LOG MILE: 0.02

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 470A0560001 BRIDGE OWNER: CITY OF KNOXVILLE SPECIAL CASE: 0

FIPS CODE: 40000

ROAD NAME: WALKER SPRINGS RD. CROSSING: TEN MILE CREEK

CINOSING. TEN MILE CREEK	LOG WILL. V.UZ	
LOCATION: .6 M N OF 140-WALKER SPRG	SPRG SUFFICIENCY RATING: 99.4	
IDENTIFICATION —	CLASSIFICATION —	
(16a,b) LATITUDE: N 35.93267 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 84.06325 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: CONCRETE CONTINUOUS	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE	
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	NATIONAL REGISTER	
(45) NUMBER OF MAIN SPANS: 2	———— CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N	
(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): 7	
C) TYPE PROTECTION: EPOXY COATED REINFORCING	—— 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: 2001	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	(67) STRUCTURAL EVALUATION: 7	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(68) DECK GEOMETRY:	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:	
(48) MAXIMUM SPAN LENGTH: 16.4 FT	(71) WATERWAY ADEQUACY: 6	
(49) TOTAL BRIDGE LENGTH: 33.5 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1N11	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:	
(51) BRIDGE CURB TO CURB WIDTH: 48.6 FT	RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: 61.7 FT		
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT	(75) TYPE OF WORK: NOT APPLICABLE	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A	
(34) BRIDGE SKEW: 30 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: 48.6 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: 5/10/2018	
(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):	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(20) NAV CONTROL	(OO-) ODECIAL INCO EDECLIENCY (MONTHO).	

**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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(92c) SPECIAL INSP FREQUENCY (MONTHS):



YES

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8

8

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8

N/A

5/10/2018

24

N/A

N/A

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**NN11** 

HS-20-44

BRIDGE ID NUMBER: 470A0570001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05866 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: BROOME RD. COUNTY SEQUENCE: 1 CROSSING: TEN MILE CREEK LOG MILE: 0.02 LOCATION: MARS HILL ROAD SUFFICIENCY RATING: 93.7 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.94087 DEGREES (17a,b) LONGITUDE: 84.06035 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: **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: 1993 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: 33.1 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: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 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: 26.9 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

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(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):

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(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:

NAVIGATION DATA



YES

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N/A

5/10/2018

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N/A

N/A

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HS-20-44

BRIDGE ID NUMBER: 470E1760001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05868 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: ROBINSON RD. COUNTY SEQUENCE: 1 CROSSING: TEN MILE CREEK LOG MILE: 2.12 LOCATION: CITY OF KNOXVILLE SUFFICIENCY RATING: 84.0 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.94477 DEGREES (17a,b) LONGITUDE: w 84.05650 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 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: 1995 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: 3 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 17.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 37.4 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: **UNDER FILL**  RECOMMENDED IMPROVEMENTS **UNDER FILL** (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: 45 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: (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: (92c) SPECIAL INSP FREQUENCY (MONTHS): **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: 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

(116) LIFT BRIDGE VERT CLEARANCE:



YES

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5

5

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N

5

3

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N111

27.6 FT

2018

24

N/A

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N/A

\$144.000.00

\$15,000.00

\$217,000.00

3/16/2020

H-15-44

2-WAY TRAFFIC

COUNTY: KNOX

BRIDGE ID NUMBER: 470A1160003 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: MALONEY RD. CROSSING: FLENNLKEN BR

LOCATION: W OFF SR33 N OF SR168 JCT

ROUTE: 05871 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.81

SUFFICIENCY RATING: 76.4

#### IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.90825 DEGREES (17a,b) LONGITUDE: 83.94058 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A LOCAL CITY STREET (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: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (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 C) TYPE PROTECTION: NONE (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1940 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: 27.6 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: 29.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 30.8 FT (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 20.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 70 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: 29.5 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 (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: 470B9720001
BRIDGE OWNER: CITY OF FARRAGUT

FIPS CODE: **25760**ROAD NAME: **UNION RD.** 

CROSSING: LITTLE TURKEY CREEK

COUNTY: KNOX
ROUTE: 05889
SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 0.75

SUFFICIENCY RATING: 73.2

IDENTIFICATION  (16a,b) LATITUDE: N 35.87107 DEGREES  (17a,b) LONGITUDE: W 84.20672 DEGREES  (98a) BORDER BRIDGE STATE CODE: N/A  (98b) PERCENT SHARE: N/A  (99) BORDER BRIDGE NUMBER: NOT APPLICABLE  BRIDGE TYPE AND MATERIAL  (43a) MAIN SPAN MATERIAL: CONCRETE  (44a) APPR SPAN MATERIAL: NOT APPLICABLE  (45) NUMBER OF MAIN SPANS: 1  (46) NUMBER OF APPROACH SPANS: 0  (107) TYPE OF DECK: CONCRETE PRECAST PANELS  (108) TYPE OF WARRING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: ASPHALT  B) TYPE MEMBRANE: NONE  C) TYPE PROTECTION: NONE  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: 1968  (106) YEAR THE BRIDGE WAS REHABILITATED: N/A  (42a) SERVICE ON BRIDGE: HIGHWAY  (42b) UNDER BRIDGE: WATERWAY  (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2  (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 24.9 FT  (50a) LEFT SIDEWALK WIDTH: 0.0 FT  (50b) RIGHT SIDEWALK WIDTH: 0.0 FT  (51) BRIDGE CURB TO CURB WIDTH: 21.7 FT  (52) BRIDGE OUT TO OUT WIDTH: 24.3 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 14.1 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 0 DEGREES  NOFLARE  (520) MIN VERTICAL CLEARANCE OVER RD. NO RESTRICTION	LOCATION: BTWN I40 & US70-E OF CO L		
(17a,b) LONGITUDE: W 84.20672 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A (99) BORDER BRIDGE NUMBER: NOT APPLICABLE  BRIDGE TYPE AND MATERIAL  (43a) MAIN SPAN MATERIAL: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE  (45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: 0 (107) TYPE OF DECK: CONCRETE PRECAST PANELS (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: ASPHALT B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: 1968 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: WATERWAY (22b) UNDER BRIDGE: WATERWAY (22b) UNDER BRIDGE: WATERWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 24.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 24.3 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 14.1 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO RESTRICTION	IDENTIFICATI	ON ————————————————————————————————————	
(43a) MAIN SPAN MATERIAL: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE  (45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: 0 (107) TYPE OF DECK: CONCRETE PRECAST PANELS (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: ASPHALT B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: 1968 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: WATERWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 24.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 21.7 FT (52) BRIDGE OUT TO OUT WIDTH: 24.3 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 14.1 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE:	W 84.20672 DEGREES N/A N/A	
(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:  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (27) YEAR THE BRIDGE WAS REHABILITATED: (28) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: (49) TOTAL BRIDGE 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) BRIDGE OUT TO OUT WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	BRIDGE TYPE AND N	IATERIAL ———	
(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: NONE C) TYPE PROTECTION: NONE  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: 1968 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: WATERWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 26.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 21.7 FT (52) BRIDGE OUT TO OUT WIDTH: 24.3 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 14.1 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION			
(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: (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: (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	(46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: CON (108) TYPE OF WEARING SURFACE AND A) TYPE OF SURFACE: B) TYPE MEMBRANE:	O CRETE PRECAST PANELS D DECK PROTECTION: ASPHALT NONE	
(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: (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:  NO RESTRICTION	AGE AND SER	VICE —	
(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	(106) YEAR THE BRIDGE WAS REHABIL (42a) SERVICE ON BRIDGE: (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY	ITATED: N/A HIGHWAY WATERWAY BRIDGE: 2 BRIDGE: 0	
(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	GEOMETRIC D	DATA	
(34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  NO RESTRICTION	(49) TOTAL BRIDGE LENGTH: (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH:	24.9 FT 26.9 FT 0.0 FT 0.0 FT 21.7 FT 24.3 FT	
(44) MIN HORIZONTAL CLEARANCE ON ROADWAY: 21.7 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER (47) MIN HORIZONTAL CLEARANCE ON (54a) VERT UNDERCLR: NOT A (54b) MIN VERTICAL UNDERCLEARANC (55a) HORZ UNDERCLR: NOT A	0 DEGREES NO FLARE R RD: NO RESTRICTION ROADWAY: 21.7 FT A HIGHWAY OR RAILROAD E: NOT APPLICABLE A HIGHWAY OR RAILROAD	

NAVIGATION DATA

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

(112) MEETS NBIS BRIDGE LENGTH:	YES	
(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE		
(26) FUNCTIONAL CLASS:	LOCAL CITY STREET	
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE	
(102) TRAFFIC DIR:	2-WAY TRAFFIC	
(103) TEMPORARY BRIDGE:	NOT APPLICABLE	
(110) NATIONAL TRUCK ROUTE: NOT	ON TRUCK NETWORK	
(37) HISTORICAL CLASS: HISTORICAL S		
NOT BEEN DE		
——— CONDITION RATING	ss <del> </del>	
(58) DECK:	7	
(59) SUPERSTRUCTURE:	7	
(60) SUBSTRUCTURE:	7	
(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7		
(62) CULVERT CONDITION (IF APPLICABLE): N		
DESIGN LOAD AND WEIGHT	POSTING ——	
(31) DESIGN LOADING:	OTHER OR UNKNOWN	
WEIGHT POSTING (2 AXLE VEHICLES):	<b>ALL LEGAL LOADS</b>	
WEIGHT POSTING (3 OR MORE AXLES):	<b>ALL LEGAL LOADS</b>	
(70) BRIDGE POSTING CODE:	5	
(41) WT POSTING STATUS: <b>OPEN</b>		
(67) STRUCTURAL EVALUATION:	6	

## 3) SCOUR CONDITION RATING: RECOMMENDED IMPROVEMENTS

3

N

7

8

8

**ONNN** 

DECK GEOMETRY:

UNDERCLEARANCE RATING:

TRAFFIC SAFETY FEATURES:

APPROACH ROADWAY ALIGNMENT:

WATERWAY ADEQUACY:

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

	NEEDED)	
(76)	LENGTH OF BRIDGE IMPROVEMENT:	26.9 FT
(94)	BRIDGE IMPROVEMENT COST:	\$70,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$8,000.00
(96)	TOTAL PROJECT COST:	\$106,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2018
INSPECTION DATES		

4/27/2018
24
N/A
N
N/A
N

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(38) NAV CONTROL:



YES

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Ν

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5

6

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N

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N/A

5/8/2018

24

N/A

N/A

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H-15-44

BRIDGE ID NUMBER: 470C0280001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 05891 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: CROSS PARK DR. COUNTY SEQUENCE: 1 CROSSING: SINKING CREEK LOG MILE: 0.60 LOCATION: CROSS PARK DRIVE SUFFICIENCY RATING: 87.3 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.92472 DEGREES (17a,b) LONGITUDE: w 84.07640 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL (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): 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: **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: 8.2 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 27.6 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: **UNDER FILL**  RECOMMENDED IMPROVEMENTS **UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 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: 26.9 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:



BRIDGE ID NUMBER: 470C1480001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: SOLWAY RD. CROSSING: BEAVER CREEK

LOCATION: W OFF SR162-S OF SR62 JCT

COUNTY: KNOX

ROUTE: 05898 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 1.37 SUFFICIENCY RATING: 85.7

LOCATION: W OFF SR162-S OF SR62 JCT SUFFICIENCY RATING: 85.7	
IDENTIFICATION	CLASSIFICATION —
(16a,b) LATITUDE: N 35.96487 DEGREE	S (112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.17867 DEGREE	
(98a) BORDER BRIDGE STATE CODE: N/A	``
(98b) PERCENT SHARE:	. ,
(99) BORDER BRIDGE NUMBER: NOT APPLICABLI	
	(103) TEMPORARY BRIDGE: NOT APPLICABLE
BRIDGE TYPE AND MATERIAL	(110) NATIONAL TRUCK ROUTE: NOT 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) All IMPED OF MAIN ORANG	CONDITION RATINGS
` '	(F0) DFOK:
	(FO) CURERCTRUCTURE.
	(60) SUBSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  A) TYPE OF SURFACE:  ASPHAL	(64) CTDEAM CHANNEL AND CHANNEL DEOTECTION:
B) TYPE MEMBRANE: NONI	(62) CHI VERT CONDITION (IE ARRI ICARI E)
C) TYPE PROTECTION: NONI	
	(31) DESIGN LOADING: OTHER OR UNKNOWN
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 196	WEIGHT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 200	(70) BRIDGE POSTING CODE
(42a) SERVICE ON BRIDGE: HIGHWA	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: WATERWA	APPRAISAI
` '	(C7) CTDUCTUDAL EVALUATION:
	(68) DECK GEOMETRY:
GEOMETRIC DATA	(69) UNDERCI FARANCE RATING:
(48) MAXIMUM SPAN LENGTH: 40.4 F	(71) WATERWAY ADEQUACY 7
(49) TOTAL BRIDGE LENGTH: 86.3 F	(72) APPROACH ROADWAY ALIGNMENT:
(50a) LEFT SIDEWALK WIDTH: 0.0 F	(36) TRAFFIC SAFETY FEATURES: 1100
(50b) RIGHT SIDEWALK WIDTH: 0.0 F	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 22.3 F	PECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 24.3 F	(75) TVDE OF MODIV. NOT ARRUGARUE
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 F	(76) LENCTH OF PRIDCE IMPROVEMENT.
(33) BRIDGE MEDIAN: NO MEDIAN	(04) PRIDCE IMPROVEMENT COST:
(34) BRIDGE SKEW: 0 DEGREES	(OE) DOADWAY IMPROVEMENT COCT.
(35) BRIDGE FLARE:  NO FLARI  (50) MIN VERTICAL CLEARANCE OVER DD. NO PETTICION	(00) TOTAL DDO IFOT COCT.
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(07) VEAR OF IMPROVEMENT COST ESTIMATE:
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 23.0 F	
(54a) VERT UNDERCLR: <b>NOT A HIGHWAY OR RAILROAI</b> (54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLI</b>	
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAL	
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR):  N/A
(38) NAV CONTROL: NO NAVIGATION CONTROL	`
(39) NAVIGATION VERTICAL CLEARANCE: N/A	. , , ,
107	PRODUCED PURSUANT TO

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

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# NATIONAL BRIDGE INVENTORY



TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470F1590001 COUNTY: KNOX ROUTE: 05900 BRIDGE OWNER: KNOX COUNTY SPECIAL CASE: 0 FIPS CODE: 00000 ROAD NAME: WESTCOTT BLVD. COUNTY SEQUENCE: 1 CROSSING: PLUM CREEK LOG MILE: 0.03 LOCATION: WESTBRIDGE BUS PARK RD SUFFICIENCY RATING: 97.4 IDENTIFICATION CLASSIFICATION = (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.95715 DEGREES (17a,b) LONGITUDE: 84.13583 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: PRESTRESSED CONCRETE (37) HISTORICAL CLASS: CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 3 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: **CONCRETE PRECAST PANELS** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (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		
(27)	'EAR THE BRIDGE WAS BUILT:	1990
(106) \	'EAR THE BRIDGE WAS REHABILITATED:	N/A
(42a) S	SERVICE ON BRIDGE:	HIGHWAY
(42b) l	JNDER BRIDGE:	WATERWAY
(28a) N	NUMBER OF LANES CARRIED BY BRIDGE:	3
(28b) N	NUMBER OF LANES UNDER THE BRIDGE:	0
GEOMETRIC DATA		

54.8 FT	(48) MAXIMUM SPAN LENGTH:
163.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
53.5 FT	(51) BRIDGE CURB TO CURB WIDTH:
55.4 FT	(52) BRIDGE OUT TO OUT WIDTH:
40.0 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
21 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>53.5 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW

	THE THE PARTY OF T	,, will vertilo, te oee, ti	(020
53.5 FT	EARANCE ON ROADWAY:	MIN HORIZONTAL CLE	(47)
OR RAILROAD	<b>NOT A HIGHWAY</b>	a) VERT UNDERCLR:	(54a
T APPLICABLE	ERCLEARANCE: NO	) MIN VERTICAL UNDE	(54b
OR RAILROAD	<b>NOT A HIGHWAY</b>	a) HORZ UNDERCLR:	(55a
T APPLICABLE	LR ON RIGHT: NO	) MIN HORZ UNDERCLI	(55b
T APPLICABLE	CLR ON LEFT: NO	MIN HORZ UNDERCLI	(56)

#### NAVIGATION DATA (20) NAV CONTROL

(30)	NAV CONTROL.	NO NAVIGATION CONT	KUL
(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

#### YFS **NOT A NHS ROUTE LOCAL RURAL ROAD NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER CONDITION RATINGS 7 7 8 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): 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: 7 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000 (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: **NOT APPLICABLE**

INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 5/14/2018 (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

(76) LENGTH OF BRIDGE IMPROVEMENT:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

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

(96) TOTAL PROJECT COST:

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HS-20-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470F1590003 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000

ROAD NAME: WESTCOTT BLVD. CROSSING: BEAVER CREEK

LOCATION: WESTBRIDGE BUS PARK RD

COUNTY: KNOX ROUTE: 05900 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.78 SUFFICIENCY RATING: 97.4

#### IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: 35.96542 DEGREES Ν (17a,b) LONGITUDE: 84.13198 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: 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: 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: 3 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 54.8 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 163.1 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: 53.5 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 55.4 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 54.1 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 21 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: 53.5 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

**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:

# NATIONAL BRIDGE INVENTORY



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TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D0990001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 05903 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: SEVIERVILLE PK. COUNTY SEQUENCE: 1 CROSSING: HINES CREEK LOG MILE: 1.16 LOCATION: N OF US441-NEAR SEVIER CO SUFFICIENCY RATING: 91.2 IDENTIFICATION (16a,b) LATITUDE: N 35.90438 DEGREES (17a,b) LONGITUDE: 83.80330 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (43a) MAIN SPAN MATERIAL: STEEL (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: 0 (59) SUPERSTRUCTURE: **NOT APPLICABLE** (107) TYPE OF DECK: (60) SUBSTRUCTURE: (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: A) TYPE OF SURFACE: **NOT APPLICABLE** B) TYPE MEMBRANE: **NOT APPLICABLE NOT APPLICABLE** DESIGN LOAD AND WEIGHT POSTING C) TYPE PROTECTION: (31) DESIGN LOADING: ACE AND SERVICE 3

	AGE AND SERVICE
1983	(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

0.9 FI	(40) WAXIWOW 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:
<b>UNDER FILL</b>	(52) BRIDGE OUT TO OUT WIDTH:
23.0 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:
4Y 23 0 FT	(47) MIN HORIZONTAL CLEARANCE ON ROADWA

23.U FI	LEARANCE ON ROADWAY.	WIIN HURIZUNTAL CLEA	(47)
OR RAILROAD	NOT A HIGHWAY O	) VERT UNDERCLR:	(54a)
T APPLICABLE	DERCLEARANCE: NOT	) MIN VERTICAL UNDER	(54b)
OR RAILROAD	NOT A HIGHWAY O	) HORZ UNDERCLR:	(55a)
T APPLICABLE	CLR ON RIGHT: NOT	) MIN HORZ UNDERCLE	(55b)
T APPLICABLE	CLR ON LEFT: NOT	MIN HORZ UNDERCLE	(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

(48) MAYIMI IM SDAN I ENGTH-

CLASSIFICA	TION —
OLASSII IOA	11014
(112) MEETS NBIS BRIDGE LENGTH:	YES
(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(26) FUNCTIONAL CLASS:	LOCAL RURAL ROAD
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(102) TRAFFIC DIR:	2-WAY TRAFFIC
(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK
( )	RICAL SIGNIFICANCE HAS EEN DETERMINED
——— CONDITION R	ATINGS ————
(58) DECK:	N

(31) DESIGN LOADING.	П-13-44		
WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS		
WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS		
(70) BRIDGE POSTING CODE:	5		
(41) WT POSTING STATUS: OPEN			
APPRAISAL			

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:	NN00
(113) SCOUR CONDITION RATING:	8

### RECOMMENDED IMPROVEMENTS

(75)	TYPE OF WORK:	NOT APPLICABLE	
(76)	LENGTH OF BRIDG	SE IMPROVEMENT:	N/A
(0/1)	BRIDGE IMPROVE	MENT COST:	

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

# INSPECTION DATES

4/18/2018	(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):



YES

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42.3 FT

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N/A

N/A

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\$261,000.00

\$27,000.00

\$392,000.00

4/18/2018

H-15-44

BRIDGE ID NUMBER: 470D0990003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 05903 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: SEVIERVILLE PK. COUNTY SEQUENCE: 1 CROSSING: BURNETT CREEK LOG MILE: 3.02 LOCATION: E OF US5441 SUFFICIENCY RATING: 78.0 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.91408 DEGREES (17a,b) LONGITUDE: 83.82905 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 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: 1936 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 2002 (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: 10.2 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 42.3 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: 35.1 FT RECOMMENDED IMPROVEMENTS 39 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 35.1 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: 35.1 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:



PRODUCED PURSUANT TO

COUNTY: KNOX

BRIDGE ID NUMBER: 470D2790001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: BROWN GAP RD. CROSSING: COX CREEK

LOCATION: SE OF SR33-SR131 JCT

ROUTE: 05904 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.60 SUFFICIENCY RATING: 79.4

IDENTIFICATION —		
(16a,b) LATITUDE: N 36.07945 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.89877 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: CONCRETE CONTINUOUS (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: 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	
,	(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: 1935	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: 6 (68) DECK GEOMETRY: 2	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:	
(48) MAXIMUM SPAN LENGTH: 11.5 FT	(71) WATERWAY ADEQUACY: 7	
(49) TOTAL BRIDGE LENGTH: 26.6 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: ONNN	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: 8	
(51) BRIDGE CURB TO CURB WIDTH: 19.7 FT		
(52) BRIDGE OUT TO OUT WIDTH: 22.6 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 26.6 FT	
(34) BRIDGE SKEW: 30 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$127,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$13,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$191,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 19.7 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: 5/22/2018	
(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	

N/A

N/A

(116) LIFT BRIDGE VERT CLEARANCE: 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 waive the provisions of §409

(39) NAVIGATION VERTICAL CLEARANCE:

# NATIONAL BRIDGE INVENTORY



**YES** 

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D2790003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 05904 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: BROWN GAP RD. COUNTY SEQUENCE: 1 CROSSING: BEAVER CREEK LOG MILE: 0.71 LOCATION: BROWN GAP RD-E OFSR33-131 SUFFICIENCY RATING: 89.2 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: 36.08105 DEGREES Ν (17a,b) LONGITUDE: 83.89933 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER 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: NONE

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

15.1 FT	(48) MAXIMUM SPAN LENGTH:
49.9 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
29.2 FT	(51) BRIDGE CURB TO CURB WIDTH:
34.1 FT	(52) BRIDGE OUT TO OUT WIDTH:
25.9 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>29.2 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW

: <b>29.2 FT</b>	LEARANCE ON ROADWAY:	MIN HORIZONTAL CLI	(4
OR RAILROAD	<b>NOT A HIGHWAY</b>	) VERT UNDERCLR:	(5
OT APPLICABLE	ERCLEARANCE: NO	) MIN VERTICAL UND	(5
OR RAILROAD	<b>NOT A HIGHWAY</b>	) HORZ UNDERCLR:	(5
OT APPLICABLE	LR ON RIGHT: NO	) MIN HORZ UNDERCI	(5
OT APPLICABLE	LR ON LEFT: NO	MIN HORZ UNDERC	(5
	VICATION DATA	NAN	_

	NAVIGATION	DATA
(38) NAV CONTROL	•	NO NAV

(38) NAV CONTROL:	NO NAVIGATION CONTROL
(39) NAVIGATION VERTICAL CLEAR	RANCE: N/A
(116) LIFT BRIDGE VERT CLEARANC	E: <b>N/A</b>
(40) NAVIGATION HORZ CLEARANC	CE: N/A

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

( )			
(104) NATIONAL HIGHWAY SYSTEM:	<b>NOT A NHS ROUTE</b>		
(26) FUNCTIONAL CLASS: LOCAL CITY STREET			
(101) PARALLEL BRIDGE: NO	PARALLEL BRIDGE		
(102) TRAFFIC DIR:	2-WAY TRAFFIC		
(103) TEMPORARY BRIDGE:	NOT APPLICABLE		
(110) NATIONAL TRUCK ROUTE: NOT C	N TRUCK NETWORK		
(37) HISTORICAL CLASS: HISTORICAL SIG			
	N		
	N N		
• /	N N		
	ECTION. 7		
	-		
	HS-20-44		
,	ALL LEGAL LOADS		
	ALL LEGAL LOADS		
• /	5		
-			
APPRAISAL			
(67) STRUCTURAL EVALUATION:	6		
(68) DECK GEOMETRY:	4		
• •	N		
	7		
(72) APPROACH ROADWAY ALIGNMENT:	8		
(36) TRAFFIC SAFETY FEATURES:	0N00		
(113) SCOUR CONDITION RATING:	8		
RECOMMENDED IMPROVEMENTS			
(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 ESTIMAT	ΓE:		
INSPECTION DATES			
	(26) FUNCTIONAL CLASS: (101) PARALLEL BRIDGE: (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROUTE: NOT COMPANY BRIDGE: (110) NATIONAL TRUCK ROUTE: (37) HISTORICAL CLASS: HISTORICAL SIGNOT BEEN DETE  CONDITION RATINGS (58) DECK: (59) SUPERSTRUCTURE: (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTICE): DESIGN LOAD AND WEIGHT FOR COMPANY CONTING (2) CULVERT CONDITION (IF APPLICABLE):  DESIGN LOAD AND WEIGHT FOR COMPANY CONTING (3) OR MORE AXLES): (70) BRIDGE 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: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENT: (95) 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 ESTIMA		

(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):

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5/22/2018

24

N/A

N/A

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BRIDGE ID NUMBER: 470D2910001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000

ROAD NAME: CRIPPEN DR. CROSSING: BEAVER CREEK

LOCATION: CRIPPEN DR-S OF SR131

COUNTY: KNOX ROUTE: 05905 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.85

SUFFICIENCY RATING: 57.4

EGGATION. GIALT EN DIX G GI GIATO		
IDENTIFICATION —————	CLASSIFICATION —	
(16a,b) LATITUDE: N 36.08323 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.90690 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	
(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: N	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:	
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): 5	
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING	
AGE AND SERVICE	(31) DESIGN LOADING: H-15-44	
(27) YEAR THE BRIDGE WAS BUILT: 1945	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: 2	APPRAISAL	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5	
GEOMETRIC DATA	(68) DECK GEOMETRY: 2	
(48) MAXIMUM SPAN LENGTH: 10.8 FT	(69) UNDERCLEARANCE RATING:	
(49) TOTAL BRIDGE LENGTH: 36.1 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: 20.3 FT	(113) SCOUR CONDITION RATING: 8	
(52) BRIDGE OUT TO OUT WIDTH: 22.6 FT	RECOMMENDED IMPROVEMENTS ———	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 36.1 FT	
(34) BRIDGE SKEW: 25 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$162,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$17,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$244,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.3 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: 5/22/2018	
(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	
	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	

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:



BRIDGE ID NUMBER: 470E2180001 COUNTY: KNOX
BRIDGE OWNER: KNOX COUNTY ROUTE: 05913
FIPS CODE: 00000 SPECIAL CASE: 0
ROAD NAME: BEAVER CREEK RD. COUNTY SEQUENCE: 1
CROSSING: BRANCH LOG MILE: 0.40

LOCATION: BEAVER CR. DR.-N OF SR62 SUFFICIENCY RATING: 68.8

LOCATION: BEAVER CR. DRN OF SR62 SUFFICIENCY RATING: 68.8			
IDENTIFICATION ————	CLASSIFICATION —		
(16a,b) LATITUDE: N 35.99740 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES		
(17a,b) LONGITUDE: W 84.07515 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE		
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD		
(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: 3	CONDITION RATINGS		
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N		
(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: 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: H-15-44		
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS		
(27) YEAR THE BRIDGE WAS BUILT: 1940	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: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2			
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6		
GEOMETRIC DATA	(68) DECK GEOMETRY: 2		
	(69) UNDERCLEARANCE RATING: N		
(48) MAXIMUM SPAN LENGTH: 10.2 FT	(71) WATERWAY ADEQUACY: 5		
(49) TOTAL BRIDGE LENGTH: 34.8 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8		
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: <b>0N11</b>		
(51) BRIDGE CURB TO CURB WIDTH: 20 FT	(113) SCOUR CONDITION RATING: 8		
(52) BRIDGE OUT TO OUT WIDTH: 23.6 FT	RECOMMENDED IMPROVEMENTS		
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)		
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 34.8 FT		
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$114,000.00		
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$12,000.00		
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$172,000.00		
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 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: 6/5/2018		
(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: 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		
(OO) NIAN (IOATIONI) /EDTICAL OLEADANICE			

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX

BRIDGE ID NUMBER: 470E3240001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: W. BEAVER CREEK DR.

CROSSING: KNOB CREEK

LOCATION: JUST SW OF I75-SR131 EXCH

ROUTE: 05914 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 2.44 SUFFICIENCY RATING: 91.2

IDENTIFICATION	
(16a,b) LATITUDE: N 36.03748 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.00367 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
	(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: <b>NOT APPLICABLE</b>	NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:	———— 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: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8
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: OTHER OR UNKNOWN
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1950	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 2006 (42a) SERVICE ON BRIDGE: HIGHWAY	(70) BRIDGE POSTING CODE: 5
(42a) SERVICE ON BRIDGE: HIGHWAY (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: 7
	(69) UNDERCLEARANCE RATING: N
	(71) WATERWAY ADEQUACY: 8
` '	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1111
(51) BRIDGE CURB TO CURB WIDTH: 44 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 46.3 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: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:
	(96) TOTAL PROJECT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	<ul><li>(96) TOTAL PROJECT COST:</li><li>(97) YEAR OF IMPROVEMENT COST ESTIMATE:</li></ul>
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 44.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 44.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	(97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 44.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 6/20/2018
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 44.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 6/20/2018  (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 44.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 6/20/2018  (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:

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8/29/2018

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HL-93

BRIDGE ID NUMBER: 47059230001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 05923 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: NOT AVAILABLE COUNTY SEQUENCE: 1 CROSSING: BEAVER CREEK LOG MILE: 0.60 LOCATION: KARNS VALLEY DRIVE SUFFICIENCY RATING: 84.7 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.97410 DEGREES (17a,b) LONGITUDE: 84.13933 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: PRESTRESSED CONCRETE (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: 2017 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: 3 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: ■ GEOMETRIC DATA • (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 125.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 255.0 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: 42 FT RECOMMENDED IMPROVEMENTS 45.9 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: **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: 42.0 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** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

**NO NAVIGATION CONTROL** 

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(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):

(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

COUNTY: KNOX

BRIDGE ID NUMBER: 47059230003 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: NOT AVAILABLE CROSSING: BEAVER CREEK

LOCATION: KARNS VALLEY DRIVE

ROUTE: 05923 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.83

SUFFICIENCY RATING: 93.3

IDENTIFICATION	
(16a,b) LATITUDE: N 35.96843 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.12620 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: <b>NOT APPLICABLE</b>
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(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
(45) AH IMPER OF MAIN ORANG	———— CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:	(58) DECK: <b>8</b>
(46) NUMBER OF APPROACH SPANS: 0 (107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:
(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	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION: EPOXY COATED REINFORCING	DESIGN LOAD AND WEIGHT POSTING
AGE AND SERVICE	(31) DESIGN LOADING: HL-93
(27) YEAR THE BRIDGE WAS BUILT: 2017	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BOILT: 2017	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: 3	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 8
GEOMETRIC DATA	(68) DECK GEOMETRY: 5
(48) MAXIMUM SPAN LENGTH: 95.1 FT	(69) UNDERCLEARANCE RATING:
(49) TOTAL BRIDGE LENGTH: 204.0 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: 1111
(51) BRIDGE CURB TO CURB WIDTH: 44 FT	(113) SCOUR CONDITION RATING: 5
(52) BRIDGE OUT TO OUT WIDTH: 47.9 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: 30 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: 44.0 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: 8/29/2018
(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):

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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



BRIDGE ID NUMBER: 470A0960003 COUNTY: KNOX
BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05925
FIPS CODE: 40000 SPECIAL CASE: 0
ROAD NAME: TAZEWELL PK. COUNTY SEQUENCE: 1

CROSSING: FIRST CREEK LOG MILE: 0.02
LOCATION: JUST NW OF SR33-I640 JCT SUFFICIENCY RATING: 96.3

LOCATION: JUST NW OF SR33-I640 JCT	SUFFICIENCY RATING: 96.3	
IDENTIFICATION		
(16a,b) LATITUDE: N 36.02050 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.92450 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: <b>CONCRETE 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	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N	
(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: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
B) TYPE MEMBRANE:  NONE  MONOLITHIC CONCRETE  (62) CULVERT CONDITION (IF APPLICABLE):		
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: 1997 (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: 2	APPRAISAL —————	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7	
GEOMETRIC DATA	(68) DECK GEOMETRY: 9	
	(69) UNDERCLEARANCE RATING: N	
(48) MAXIMUM SPAN LENGTH: 27.9 FT	(71) WATERWAY ADEQUACY: 7	
(49) TOTAL BRIDGE LENGTH: 89.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: <b>ON00</b>	
(51) BRIDGE CURB TO CURB WIDTH: 62 FT	(113) SCOUR CONDITION RATING: 8	
(52) BRIDGE OUT TO OUT WIDTH: 68.9 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 62.0 FT	(75) TYPE OF WORK: NOT APPLICABLE	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A	
(34) BRIDGE SKEW: 50 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: 62.0 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: 4/30/2018	
(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	
NAVIGATION DATA (93c) DATE OF SPECIAL INSPECTION (MO/YR):		
(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:



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H-20-44

BRIDGE ID NUMBER: 470A0890001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 05944 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: ADAIR DR. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.08 LOCATION: CITY OF KNOXVILLE SUFFICIENCY RATING: 80.7 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.02435 DEGREES (17a,b) LONGITUDE: w 83.92795 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: 1994 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: 3 (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: 44.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 6.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 40 FT RECOMMENDED IMPROVEMENTS 49.2 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: 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: (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:



BRIDGE ID NUMBER: 47SR1580013
BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000
ROAD NAME: E. HILL AVE.
CROSSING: SR 158 & NFA A140
LOCATION: 1.1 M N OF SR1

COUNTY: KNOX
ROUTE: 05951
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.45

SUFFICIENCY RATING: 68.1

ECOATION. 1.1 WIN OF SICE			
IDENTIFICAT	TION		
(16a,b) LATITUDE:	N	35.96175	DEGREES
(17a,b) LONGITUDE:	W	83.91447	DEGREES
(98a) BORDER BRIDGE STATE CODE:			N/A
(98b) PERCENT SHARE:			N/A
(99) BORDER BRIDGE NUMBER:		NOT A	PPLICABLE
BRIDGE TYPE AND I	МДТЕ	RIAI —	
(43a) MAIN SPAN MATERIAL: CONCRI			
(44a) APPR SPAN MATERIAL: CONCRI			
(1.2)			
(45) NUMBER OF MAIN SPANS:			5
(46) NUMBER OF APPROACH SPANS:			2
(107) TYPE OF DECK:	CONCI	RETE CAST	Γ-IN-PLACE
(108) TYPE OF WEARING SURFACE AN	ID DE	CK PROTE	CTION:
A) TYPE OF SURFACE:			<b>ASPHALT</b>
B) TYPE MEMBRANE:			NONE
C) TYPE PROTECTION:			NONE
AGE AND SEF	RVICE	<u> </u>	
(27) YEAR THE BRIDGE WAS BUILT:			1935
(106) YEAR THE BRIDGE WAS REHABII	LITATE	ED:	N/A
(42a) SERVICE ON BRIDGE:			DESTRIAN
(42b) UNDER BRIDGE:			HIGHWAY
(28a) NUMBER OF LANES CARRIED BY	BRID	GE:	3
(28b) NUMBER OF LANES UNDER THE			3
GEOMETRIC			
(48) MAXIMUM SPAN LENGTH:			149.9 FT
(49) TOTAL BRIDGE LENGTH:			630.9 FT
(50a) LEFT SIDEWALK WIDTH:			6.2 FT
(50b) RIGHT SIDEWALK WIDTH:			9.2 FT
(51) BRIDGE CURB TO CURB WIDTH:			36.1 FT
(52) BRIDGE OUT TO OUT WIDTH:			38.7 FT
(32) APPROACH ROADWAY (W/ SHLDS	) WID	ГН:	36.1 FT
(22) PRIDGE MEDIANI			NO MEDIAN
(33) BRIDGE MEDIAN: (34) BRIDGE SKEW:			DEGREES
		U	
(35) BRIDGE FLARE:	D DD.	NO DE	NO FLARE
(520) MIN VERTICAL CLEARANCE OVE			STRICTION
(47) MIN HORIZONTAL CLEARANCE ON			35.8 FT
,		AT BENEA	TH BRIDGE
(54b) MIN VERTICAL UNDERCLEARANG		AV DENEA	23.36 FT
,		AT BENEA	TH BRIDGE
(55b) MIN HORZ UNDERCLE ON RIGHT	•		5.58 FT
(56) MIN HORZ UNDERCLR ON LEFT:	D A T 4		7.87 FT
(38) NAV CONTROL:	DAIA		PPLICABLE
(39) NAVIGATION VERTICAL CLEARAI	NCE.	HO! A	N/A
(00) INAVIGATION VERTICAL CLEARAI	VCE.		IN/A

N/A

N/A

_	CLASSIFICATION —	
		VEC
	(112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM: NOT.	YES
		A NHS ROUTE
	• •	CITY STREET
	-	LLEL BRIDGE WAY TRAFFIC
-		APPLICABLE
	,	CK NETWORK
	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICA NOT BEEN DETERMINE	
	——— CONDITION RATINGS	
	(58) DECK:	7
	(59) SUPERSTRUCTURE:	6
	(60) SUBSTRUCTURE:	6
	(61) STREAM CHANNEL AND CHANNEL PROTECTION	l: N
	(62) CULVERT CONDITION (IF APPLICABLE):	N
	DESIGN LOAD AND WEIGHT POSTI	NG ——
_		OR UNKNOWN
	• •	EGAL LOADS
		EGAL LOADS
	(70) BRIDGE POSTING CODE:	5
	(41) WT POSTING STATUS: <b>OPEN</b>	
	APPRAISAL —	
	(67) STRUCTURAL EVALUATION:	6
	(68) DECK GEOMETRY:	2
-	(69) UNDERCLEARANCE RATING:	3
	(71) WATERWAY ADEQUACY:	N
	(72) APPROACH ROADWAY ALIGNMENT:	8
	(36) TRAFFIC SAFETY FEATURES:	ONNN
	(113) SCOUR CONDITION RATING:	N.
	RECOMMENDED IMPROVEMENT	
	(75) TYPE OF WORK: BRIDGE WIDENING (NO DEC	_
	NEEDED)	OK KEFAIKS
	(76) LENGTH OF BRIDGE IMPROVEMENT:	630.9 FT
	(94) BRIDGE IMPROVEMENT COST:	\$4,026,000.00
	(95) ROADWAY IMPROVEMENT COST:	\$403,000.00
	(96) TOTAL PROJECT COST:	\$6,040,000.00
	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2018
	INSPECTION DATES	
	(90) DATE OF LAST REGULAR INSPECTION:	6/26/2018
	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
_	(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
	(92c) SPECIAL INSP FREQUENCY (MONTHS):	N
		тто
	PRODUCED PURSUAN	1 10

(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 47056660003 COUNTY: KNOX BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 06026 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: HALL OF FAME DR. COUNTY SEQUENCE: 1 CROSSING: HOF DR RMP 2B / FIRST CR LOG MILE: 0.48 LOCATION: IN KNOXVILLE SUFFICIENCY RATING: 97.0 CLASSIEICATION . IDENTIFICATION (16a,b) LATITUDE: Ν 35.98342 DEGREES (17a,b) LONGITUDE: 83.91573 DEGREES (98a) BORDER 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: 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: 2006
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A
(42a) SERVICE ON BRIDGE: HIGHWAY
(42b) UNDER BRIDGE: WATERWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 1
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0

(48) MAXIMUM SPAN LENGTH: 147.6 FT (49) TOTAL BRIDGE LENGTH: 327.4 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 30.2 FT 32.2 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT (33) BRIDGE MEDIAN: **OPEN 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:

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 30.2 FT
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE

- NAVIGATION DATA -

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

PUBLICATION DATE
19-Mar-20

<b>———</b>	CLASSIFICATI
YES	(112) MEETS NBIS BRIDGE LENGTH:
NHS ROUTE	(104) NATIONAL HIGHWAY SYSTEM:
LOCAL CITY STREET	(26) FUNCTIONAL CLASS:
NO PARALLEL BRIDGE	(101) PARALLEL BRIDGE:
1-WAY TRAFFIC	(102) TRAFFIC DIR:
NOT APPLICABLE	(103) TEMPORARY BRIDGE:
OT ON TRUCK NETWORK	(110) NATIONAL TRUCK ROUTE:
SIGNIFICANCE HAS	
FTFRMINFD	NOT REF

OUNDITION INATIMOS	
	8
JCTURE:	8
TURE:	8
IANNEL AND CHANNEL PROTECTION:	8
ONDITION (IF APPLICABLE):	N
	JCTURE: TURE: IANNEL AND CHANNEL PROTECTION:

CONDITION RATINGS :

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

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: NOT APPLICABLE

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:
(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



BRIDGE ID NUMBER: 470A2260001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A001 SPECIAL CASE: 0 FIPS CODE: 40000 ROAD NAME: OAK AVE. COUNTY SEQUENCE: 1 CROSSING: OAK ST/ SOU RR-SECOND CR LOG MILE: 0.04 LOCATION: JUST SE OF 140-1275 JCT SUFFICIENCY RATING: 96.2 IDENTIFIC ATION OT A NHS ROUTE

IDENTIFICATION	
(16a,b) LATITUDE: N 35.96683 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.92463 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: <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: 7	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>7</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: INTEGRAL CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
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: 1996	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: RAILROAD-WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(42b) UNDER BRIDGE: RAILROAD-WATERWAY	
(28a) NI IMBER OF LANES CARRIED BY BRIDGE:	APPRAISAL —————
(28a) NUMBER OF LANES UNDER THE BRIDGE: 2	APPRAISAL  (67) STRUCTURAL EVALUATION: 8
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: 8
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 140.1 FT	(67) STRUCTURAL EVALUATION: 8 (68) DECK GEOMETRY: 5
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 140.1 FT (49) TOTAL BRIDGE LENGTH: 752.0 FT	(67) STRUCTURAL EVALUATION:8(68) DECK GEOMETRY:5(69) UNDERCLEARANCE RATING:4
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 140.1 FT  (49) TOTAL BRIDGE LENGTH: 752.0 FT  (50a) LEFT SIDEWALK WIDTH: 4.9 FT	<ul> <li>(67) STRUCTURAL EVALUATION:</li> <li>(68) DECK GEOMETRY:</li> <li>(69) UNDERCLEARANCE RATING:</li> <li>(71) WATERWAY ADEQUACY:</li> <li>8</li> </ul>
(28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 140.1 FT  (49) TOTAL BRIDGE LENGTH: 752.0 FT  (50a) LEFT SIDEWALK WIDTH: 4.9 FT  (50b) RIGHT SIDEWALK WIDTH: 4.9 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:  140.1 FT  (49) TOTAL BRIDGE LENGTH:  752.0 FT  (50a) LEFT SIDEWALK WIDTH:  4.9 FT  (50b) RIGHT SIDEWALK WIDTH:  4.9 FT  (51) BRIDGE CURB TO CURB WIDTH:  27.9 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>(36) TRAFFIC SAFETY FEATURES:</li> <li>1110</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: 4.9 FT (51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: 40 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>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: 27.9 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:  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:  (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: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: NOT APPLICABLE
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:  5 DEGREES	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (1110)  (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT:  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:  140.1 FT (49.1 FT (52.0 FT (52.0 FT (52.0 FT (52.0 FT (52.0 FT (52.0 FT (53.0 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  (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: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD:  NO MESTRICTION	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (1110)  (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: 140.1 FT  (49) TOTAL BRIDGE LENGTH: 752.0 FT  (50a) LEFT SIDEWALK WIDTH: 4.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT  (52) BRIDGE OUT TO OUT WIDTH: 40 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: YES, FLARED  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(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:
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 140.1 FT  (49) TOTAL BRIDGE LENGTH: 752.0 FT  (50a) LEFT SIDEWALK WIDTH: 4.9 FT  (50b) RIGHT SIDEWALK WIDTH: 27.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 40 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: YES, FLARED  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 27.9 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:  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: 140.1 FT  (49) TOTAL BRIDGE LENGTH: 752.0 FT  (50a) LEFT SIDEWALK WIDTH: 4.9 FT  (50b) RIGHT SIDEWALK WIDTH: 27.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 40 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: YES, FLARED  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 27.9 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1110) (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: 140.1 FT  (49) TOTAL BRIDGE LENGTH: 752.0 FT  (50a) LEFT SIDEWALK WIDTH: 4.9 FT  (50b) RIGHT SIDEWALK WIDTH: 4.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT  (52) BRIDGE OUT TO OUT WIDTH: 40 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: YES, FLARED  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 27.9 FT  (54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE  (54b) MIN VERTICAL UNDERCLEARANCE: 23.69 FT	(67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (1110) (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: 6/22/2018
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 140.1 FT  (49) TOTAL BRIDGE LENGTH: 752.0 FT  (50a) LEFT SIDEWALK WIDTH: 4.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT  (52) BRIDGE OUT TO OUT WIDTH: 40 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: YES, FLARED  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 27.9 FT  (54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE  (55b) MIN VERTICAL UNDERCLEARANCE: 23.69 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): 24
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 140.1 FT  (49) TOTAL BRIDGE LENGTH: 752.0 FT  (50a) LEFT SIDEWALK WIDTH: 4.9 FT  (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT  (52) BRIDGE OUT TO OUT WIDTH: 40 FT  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT  (33) BRIDGE MEDIAN: NO MEDIAN  (34) BRIDGE SKEW: 5 DEGREES  (35) BRIDGE FLARE: YES, FLARED  (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 27.9 FT  (54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE  (55b) MIN VERTICAL UNDERCLR: RAILROAD BENEATH BRIDGE  (55b) MIN HORZ UNDERCLR: RAILROAD 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): (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:



YES

6

7

6

5

Ν

6

9

N

7

8

8

N/A

6/22/2018

24

N/A

N/A

Ν

Ν

0NNN

HS-15-44

BRIDGE ID NUMBER: 470A9600001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A010 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: MCGHEE AVE. COUNTY SEQUENCE: 1 CROSSING: SECOND CREEK LOG MILE: 0.05 LOCATION: UNDER 140-1275 JCT SUFFICIENCY RATING: 91.2 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.96912 DEGREES (17a,b) LONGITUDE: w 83.92682 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 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: (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: 1981 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: 25.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 27.9 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: 32.5 FT RECOMMENDED IMPROVEMENTS 46.3 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 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: 32.5 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 = (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

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

BRIDGE ID NUMBER: 470A0120001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: SULLIVAN RD. CROSSING: THIRD CREEK

LOCATION: 1.6 M W OF SR62 I640 JCT IDENTIFICATION

COUNTY: KNOX ROUTE: 0A012 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 0.03

CLASSIFICATION

SUFFICIENCY RATING: 98.7

#### (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.97568 DEGREES (17a,b) LONGITUDE: 84.00313 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A LOCAL CITY STREET (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 (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE

0

(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:

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

 AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 2016 (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: ■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 10.0 FT 41.5 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: 33.1 FT 64.6 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 33.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES **NO FLARE** 

(35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 33.1 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

CONDITION RATINGS

NATIONAL REGISTER

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

DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS: OPEN

**APPRAISAL** (67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5 (69) UNDERCLEARANCE RATING: Ν (71) WATERWAY ADEQUACY: 8 (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: 6/12/2018 (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



YES

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470A0720001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A012 SPECIAL CASE: 0 FIPS CODE: 40000 ROAD NAME: SULLIVAN RD. COUNTY SEQUENCE: 1 CROSSING: THIRD CREEK LOG MILE: 0.46 LOCATION: 1.6 M W OF SR62 I640 JCT SUFFICIENCY RATING: 69.6 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.98092 DEGREES (17a,b) LONGITUDE: 84.00448 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: n (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: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1942 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 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: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:

(48) MAXIMUM SPAN LENGTH:	11.2	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:	20	FT
(52) BRIDGE OUT TO OUT WIDTH:	23.6	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	19.0	FT

NO MEDIAN	(33) BRIDGE MEDIAN:
15 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
WAY: <b>20.0 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROAD
IWAY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGH
NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:
IWAY OR RAILROAD	(55a) HORZ UNDERCLR: NOT A HIGH
NOT APPLICABLE	(55b) MIN HORZ UNDERCLR ON RIGHT:
NOT APPLICABLE	(56) MIN HORZ UNDERCLR ON LEFT:

	I DATA
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

(38)

### **NOT A NHS ROUTE** LOCAL CITY STREET **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): 5 DESIGN LOAD AND WEIGHT POSTING HS-20-44 ALL LEGAL LOADS ALL LEGAL LOADS 5 2 Ν 6 8 NNNN 8 RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS** NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 24 FT (94) BRIDGE IMPROVEMENT COST: \$86,000.00 (95) ROADWAY IMPROVEMENT COST: \$9,000.00 (96) TOTAL PROJECT COST: \$130,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 6/12/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (92b) UNDERWATER INSP FREQUENCY (MONTHS): Ν

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N/A

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

(92c) SPECIAL INSP FREQUENCY (MONTHS):



Ν

BRIDGE ID NUMBER: 470A0350001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: KENNEDY RD. CROSSING: SWAN POND CREEK

COUNTY: KNOX ROUTE: 0A035 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.35

CROSSING. SWAN FOND CREEK	LOG MILE. <b>0.35</b>
LOCATION: E OF SR168 ON KENNEDY RD.	SUFFICIENCY RATING: 87.4
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.97817 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.80612 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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 SPANS: 2	——— CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N
(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: 6
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: HS-20-44
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1990 (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: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
	(69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 15.1 FT	(71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH: 45.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: <b>ON00</b>
(51) BRIDGE CURB TO CURB WIDTH: 24.6 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 27.6 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 30 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: 24.3 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: 3/12/2020
(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):
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(20) NAV CONTROL	(00-) ODECIAL INCD. EDECLIENCY (MONTHS).

**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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(92c) SPECIAL INSP FREQUENCY (MONTHS):



BRIDGE ID NUMBER: 470A0390001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: HOPEWELL DR. CROSSING: HINES CREEK

LOCATION: 3.2 M NE OF SR168-US441 J

COUNTY: KNOX ROUTE: 0A039 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 3.34 SUFFICIENCY RATING: 85.4

IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.93238 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.79190 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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: N
(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: MONOLITHIC CONCRETE	(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: HS-20-44
(27) YEAR THE BRIDGE WAS BUILT: 1988	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: 2	APPRAISAL —————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 15.1 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 32.8 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: 0N00
(51) BRIDGE CURB TO CURB WIDTH: 23.6 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 26.2 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 20.0 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(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: 23.6 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: 4/2/2018
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(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 (92b) UNDERWATER INSP FREQUENCY (MONTHS): N
	(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/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

Ν

36.03570 DEGREES

83.93260 DEGREES

N/A

N/A

**NO MEDIAN** 

N/A

(EQ) DEQ(



COUNTY: KNOX

ROUTE: 0A088

BRIDGE ID NUMBER: 470A0880001 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 40000 ROAD NAME: HOTEL AVE. CROSSING: FIRST CREEK

(98a) BORDER BRIDGE STATE CODE:

(16a,b) LATITUDE:

(17a,b) LONGITUDE:

(98b) PERCENT SHARE:

LOCATION: W OFF SR33 NEAR CEDAR DR. IDENTIFICATION

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 2.01

SUFFICIENCY RATING: 74.5

#### (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 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: 1930 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 4 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

0_0		
(48) MAXIMUM SPAN LENGTH:	10.2	FT
(49) TOTAL BRIDGE LENGTH:	23.6	FT
(50a) LEFT SIDEWALK WIDTH:	0.0	FT
(50b) RIGHT SIDEWALK WIDTH:	0.0	FT
(51) BRIDGE CURB TO CURB WIDTH:	56.1	FT
(52) BRIDGE OUT TO OUT WIDTH:	58.1	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	56.1	FT

GEOMETRIC DATA

(34) BRIDGE SKEW: 9 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:

### CLASSIFICATION =

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: LOCAL CITY STREET (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

### **CONDITION RATINGS**

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

#### DESIGN LOAD AND WEIGHT POSTING

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

### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: BRI	IDGE REHABILITATION
------------------------	---------------------

(76) LENGTH OF BRIDGE IMPROVEMENT: 23.6 FT (94) BRIDGE IMPROVEMENT COST: \$221,000.00 (95) ROADWAY IMPROVEMENT COST: \$23,000.00

(96) TOTAL PROJECT COST: \$332,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	4/27/2018
(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
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N

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2018

(33) BRIDGE MEDIAN:

# NATIONAL BRIDGE INVENTORY



6

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470A1060001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A106 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: OGLEWOOD AVE. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.99 LOCATION: W OFF US441-N OF WOODLAND SUFFICIENCY RATING: 72.8 IDENTIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.99692 DEGREES (17a,b) LONGITUDE: 83.92475 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: 1 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (5 CONCRETE CAST-IN-PLACE (107) TYPE OF DECK: (6 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (6 A) TYPE OF SURFACE: **ASPHALT** (6 B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION: (3 - AGE AND SERVICE W (27) YEAR THE BRIDGE WAS BUILT: 1920 WEIGHT POSTING (3 OR MORE AXLES): (106) YEAR THE BRIDGE WAS REHABILITATED: 1988 (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: 49.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 53.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 8.5 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 8.5 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 29.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 49.9 FT

29.9 FT

**NO MEDIAN** 

0 DEGREES

NO RESTRICTION

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

**NO FLARE** 

29.9 FT

N/A

N/A

N/A

CLASSIFICATION -YES **NOT A NHS ROUTE** LOCAL CITY STREET **NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED CONDITION RATINGS** 

6	) SUPERSTRUCTURE:
6	) SUBSTRUCTURE:
7	) STREAM CHANNEL AND CHANNEL PROTECTION:
N	) CULVERT CONDITION (IF APPLICABLE):
	— DESIGN LOAD AND WEIGHT POSTING
NKNOWN	) DESIGN LOADING: OTHER OR U
L LOADS	EIGHT POSTING (2 AXLE VEHICLES): ALL LEGA

**ALL LEGAL LOADS** 

# 6 3 N 7 8 1NNN 8

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 53.1 FT (94) BRIDGE IMPROVEMENT COST: \$182,000.00 (95) ROADWAY IMPROVEMENT COST: \$19,000.00 (96) TOTAL PROJECT COST: \$274,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES

#### (90) DATE OF LAST REGULAR INSPECTION: 5/21/2018 (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:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(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** 



BRIDGE ID NUMBER: 470A1160001

BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: **FAIRMONT BLVD.**CROSSING: **FIRST CREEK** 

LOCATION: E OFF SR33-1.2 M S OF 640

ROUTE: 0A116 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 1.64 SUFFICIENCY RATING: 93.7

COUNTY: KNOX

LOCATION. E OFF SR33-1.2 W S OF 640	SUFFICIENCY RATING. 93.7	
IDENTIFICATION ————	CLASSIFICATION —	
(16a,b) LATITUDE: N 36.00327 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.92612 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	
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT 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: 2	——— 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: MONOLITHIC CONCRETE	(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: HL-93	
(27) YEAR THE BRIDGE WAS BUILT: 2011	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: OPEN	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL —	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION:	
GEOMETRIC DATA	(68) DECK GEOMETRY: 5	
(48) MAXIMUM SPAN LENGTH: 38.5 FT	(69) UNDERCLEARANCE RATING:  N (74) WATERWAY AREQUACY:	
(49) TOTAL BRIDGE LENGTH: 77.0 FT	(71) WATERWAY ADEQUACY: 8	
(50a) LEFT SIDEWALK WIDTH: 4.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50b) RIGHT SIDEWALK WIDTH: 4.9 FT	(36) TRAFFIC SAFETY FEATURES: 1NNN (113) SCOUR CONDITION RATING: 8	
(51) BRIDGE CURB TO CURB WIDTH: 35.8 FT		
(52) BRIDGE OUT TO OUT WIDTH: 53.1 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 38.1 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: (97) YEAR OF IMPROVEMENT COST ESTIMATE:	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 35.8 FT		
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 5/21/2018	
(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	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	

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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waive the provisions of §409

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(92c) SPECIAL INSP FREQUENCY (MONTHS):



NOT ON TRUCK NETWORK

COUNTY: KNOX

ROUTE: 0A123

LOG MILE: 2.20

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 92.4

BRIDGE ID NUMBER: 470A1230001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: HOLSTON DR. CROSSING: LOVE'S CREEK

LOCATION: JUST S OF I40-US70 JCT

### - CLASSIFICATION -

IDENTIFICATION ————————————————————————————————————		CLASSIFICATION —		
(16a,b) LATITUDE:	N	36.00853 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W	83.83837 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	MATI	ERIAL ———	(103) TEMPORARY BRIDGE:	NOT APPLICABLE

#### (110) NATIONAL TRUCK ROUTE:

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:

(10) 110111121111011111111111111111111111	· ·
(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	NOT APPLICABLE
(108) TYPE OF WEARING SURFACE AND DE	CK PROTECTION:
A) TYPE OF SURFACE:	NOT APPLICABLE
B) TYPE MEMBRANE:	NOT APPLICABLE
C) TYPE PROTECTION:	NOT APPLICABLE

### AGE AND SERVICE =

1970	) YEAR THE BRIDGE WAS BUILT:	(27
N/A	6) YEAR THE BRIDGE WAS REHABILITATED:	(10
HIGHWAY	a) SERVICE ON BRIDGE:	(42
WATERWAY	b) UNDER BRIDGE:	(42
2	a) NUMBER OF LANES CARRIED BY BRIDGE:	(28
0	b) NUMBER OF LANES UNDER THE BRIDGE:	(28

### - GEOMETRIC DATA -

11.2 FT	(48) MAXIMUM SPAN LENGTH:
39.0 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:
18.0 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>29.9 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADV
VAY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHN
NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:

### - NAVIGATION DATA -

**NOT A HIGHWAY OR RAILROAD** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

(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>

(37) HISTORICAL CLASS:	HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
CONDI	TION RATINGS ————

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

### DESIGN LOAD AND WEIGHT POSTING

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

	APPRAISAL
6	(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 BRIDG	SE IMPROVEMENT:	N/A
(94)	BRIDGE IMPROVE	MENT COST:	

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

### INSPECTION DATES

ST REGULAR INSPECTION: 5/7/20	018
SPECTION FREQUENCY (MONTHS):	24
ST UNDERWATER INSP (MO/YR):	N/A
ER INSP FREQUENCY (MONTHS):	N
PECIAL INSPECTION (MO/YR):	N/A
SP FREQUENCY (MONTHS):	Ν

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(55a) HORZ UNDERCLR:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:



BRIDGE ID NUMBER: 470A1250001 COUNTY: KNOX
BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A125
FIPS CODE: 40000 SPECIAL CASE: 0
ROAD NAME: HOLSTON HILLS RD. COUNTY SEQUENCE: 1

CROSSING: BRANCH LOG MILE: 0.05
LOCATION: ON HOLSTON HILLS DR SUFFICIENCY RATING: 91.3

LOCATION: ON HOLSTON HILLS DR	SUFFICIENCY RATING: 91.3
IDENTIFICATION	- CLASSIFICATION -
(16a,b) LATITUDE: N 35.99018 DEGREES (17a,b) LONGITUDE: W 83.85405 DEGREES	-
(98a) BORDER BRIDGE STATE CODE: 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
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: <b>PRESTRESSED CONCRETE</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:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(EQ) DECK.
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(FO) SUDEDSTRUCTURE.
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
B) TYPE MEMBRANE: NONE	(62) CHI VERT CONDITION (IE ARRI ICARI E).
C) TYPE PROTECTION: EPOXY COATED REINFORCING	
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
	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 (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	ADDRAISAL —————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) CTDUCTUDAL EVALUATION:
	(68) DECK GEOMETRY: 5
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:
(48) MAXIMUM SPAN LENGTH: 69.9 FT	(71) WATERWAY ADEQUACY:
(49) TOTAL BRIDGE LENGTH: 75.1 FT	(72) APPROACH ROADWAY AI IGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1100
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 38.1 FT	RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH:  (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:  38.1 FT	(75) TYPE OF MODIC NOT ARRUSANCE
(33) BRIDGE MEDIAN: NO MEDIAN	(7C) LENGTH OF PRIDGE IMPROVEMENT.
(34) BRIDGE SKEW: 0 DEGREES	(0.4) DDIDGE IMDDO\/EMENT.COCT.
(35) BRIDGE FLARE: NO FLARE	(OE) DOADWAY IMPROVEMENT COST.
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(OO) TOTAL DDG IFOT COOT
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 37.7 FT	(07) VEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INCRECTION DATES
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	• •
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE	, ,
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A
(38) NAV CONTROL: 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:



BRIDGE ID NUMBER: 470A1250003 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A125 FIPS CODE: 40000 SPECIAL CASE: 0

ROAD NAME: HOLSTON HILLS RD. COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 0.41 SUFFICIENCY RATING: 97.6 LOCATION: F-KNOYVILLE-HOLSTON HILLS

LOCATION: E-KNOXVILLE-HOLSTON HILLS SUFFICIENCY RATING: 97.6	
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.98828 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.85913 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
PRINCE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE
BRIDGE TYPE AND MATERIAL	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE
(44a) ALTEROLATIONAL HOT APPLICABLE	NATIONAL REGISTER
(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: 8
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 8
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 8
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: 1994	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: 2	APPRAISAL ————
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 8
GEOMETRIC DATA	(68) DECK GEOMETRY: 5
(48) MAXIMUM SPAN LENGTH: 69.9 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 75.1 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: 1100
(51) BRIDGE CURB TO CURB WIDTH: 38.1 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 40 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 32.2 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(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: 37.7 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: 6/19/2018
(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):
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:

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470A1320001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A132 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: SPENCE PL. COUNTY SEQUENCE: 1 CROSSING: SLUE FROM TENNESSEE RIVE LOG MILE: 0.53 LOCATION: TO DOWNTOWN AIRPORT ISLAN SUFFICIENCY RATING: 69.5 IDENTIFICATION **CLASSIFICATION** (16a,b) LATITUDE: N 35.96130 DEGREES (17a,b) LONGITUDE: 83.87622 DEGREES (98a) BORDER 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: **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 -

0.0 FT

0.0 FT

(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:

INSPECTION DATES

	AGE AND SERVICE		
1985	(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			
92.8 FT	(48) MAXIMUM SPAN LENGTH:		
273.9 FT	(49) TOTAL BRIDGE LENGTH:		

26.6 FT
29.9 FT
24.0 FT
NO MEDIAN
40 DEGREES
NO FLARE
NO RESTRICTION
'AY: <b>26.2 FT</b>

RESTRICTION	ARANCE OVER RD: NO	(520) MIN VERTICAL CLEA	(520)
26.2 FT	LEARANCE ON ROADWAY:	(47) MIN HORIZONTAL CL	(47)
OR RAILROAD	<b>NOT A HIGHWAY</b>	(54a) VERT UNDERCLR:	(54a)
T APPLICABLE	DERCLEARANCE: NO	(54b) MIN VERTICAL UND	(54b)
OR RAILROAD	<b>NOT A HIGHWAY</b>	(55a) HORZ UNDERCLR:	(55a)
T APPLICABLE	CLR ON RIGHT: NO	(55b) MIN HORZ UNDERC	(55b)
T APPLICABLE	CLR ON LEFT: NO	(56) MIN HORZ UNDERC	(56)

NAVIGATION DATA			
(38)	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:

(112) MEETS NBIS BRIDGE LENGTH:	YES
(104) NATIONAL HIGHWAY SYSTEM:	<b>NOT A NHS ROUTE</b>
(26) FUNCTIONAL CLASS:	LOCAL CITY STREET
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(102) TRAFFIC DIR:	2-WAY TRAFFIC
(103) TEMPORARY BRIDGE:	NOT APPLICABLE
` '	T ON TRUCK NETWORK
	OT ELIGIBLE FOR THE
NATIONAL RE	
CONDITION RATING	GS <del> </del>
(58) DECK:	7
(59) SUPERSTRUCTURE:	7
(60) SUBSTRUCTURE:	7
(61) STREAM CHANNEL AND CHANNEL PR	OTECTION: 8
(62) CULVERT CONDITION (IF APPLICABLE	i): N
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	
———— APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	5
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	8
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1000
(113) SCOUR CONDITION RATING:	8
RECOMMENDED IMPROV	VEMENTS ———
(75) TYPE OF WORK: BRIDGE WIDENIN NEEDED)	IG (NO DECK REPAIRS
(76) LENGTH OF BRIDGE IMPROVEMENT:	273.9 FT
(94) BRIDGE IMPROVEMENT COST:	\$111,000.00
(95) ROADWAY IMPROVEMENT COST:	\$12,000.00

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\$167,000.00

4/10/2018

10/2016

Y60

N/A

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2018



BRIDGE ID NUMBER: 470A1410003 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 40000 ROAD NAME: WILLOW AVE. CROSSING: FIRST CREEK

(16a,b) LATITUDE:

LOCATION: AT SR158-DOWNTOWN KNOXVIL

IDENTIFICATION

COUNTY: KNOX ROUTE: 0A141 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.07 SUFFICIENCY RATING: 98.8

### N/A

35.96980 DEGREES

N

(17a,b) LONGITUDE: 83.91803 DEGREES (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

(107) TYPE OF DECK:	CONCRETE CAST-IN-PLACE
(46) NUMBER OF APPROACH SPANS:	0
(45) NUMBER OF MAIN SPANS:	2

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

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

### AGE AND SERVICE

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

### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH:	20.0 FT
(49) TOTAL BRIDGE LENGTH:	40.4 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	35.1 FT
(52) BRIDGE OUT TO OUT WIDTH:	44.9 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: (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** NOT APPLICABLE

(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

### CLASSIFICATION =

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

(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

### CONDITION RATINGS

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

### DESIGN LOAD AND WEIGHT POSTING

31) DESIGN LOADING:	OTHER OR UNKNOWN
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** 

(EQ) DEQ(

### ΔΡΡ**RAISAI**

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

### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(113) SCOUR CONDITION RATING:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/4/2018 (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



BRIDGE ID NUMBER: 470A1410001 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 40000 ROAD NAME: WILLOW AVE. CROSSING: FIRST CREEK

LOCATION: .4 M SE OF SR158-SR1 JCT

COUNTY: KNOX ROUTE: 0A141 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.50 SUFFICIENCY RATING: 92.3

LOCATION: .4 M SE OF SR158-SR1 JCT	SUFFICIENCY RATING: 92.3
IDENTIFICATION —	
(16a,b) LATITUDE: N 35.97375 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.91103 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
	(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
(45) NUMBER OF MAIN SPANS: 1	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 6
(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: 8
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: OTHER OR UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT: 1956	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>
(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: 9
	(69) UNDERCLEARANCE RATING: N
(48) MAXIMUM SPAN LENGTH: 49.9 FT (49) TOTAL BRIDGE LENGTH: 54.1 FT	(71) WATERWAY ADEQUACY: 7
` '	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 4.9 FT (50b) RIGHT SIDEWALK WIDTH: 4.9 FT	(36) TRAFFIC SAFETY FEATURES: <b>ONNN</b>
(51) BRIDGE CURB TO CURB WIDTH: 51.2 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 64 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 45.9 FT	(75) TYPE OF WORK: NOT APPLICABLE
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 15 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: 50.9 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
(,	INODECTION DATES
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES
(54a) VERT UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b> (54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b>	(90) DATE OF LAST REGULAR INSPECTION: 6/4/2018
` '	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 6/4/2018
(54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b> (55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	(90) DATE OF LAST REGULAR INSPECTION: 6/4/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b> (55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b> (55b) MIN HORZ UNDERCLR ON RIGHT: <b>NOT APPLICABLE</b>	(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

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

7

7

7

Ν

Ν

7

2

7

Ν

8

Ν

1000

242.1 FT

\$811,000.00

\$1,217,000.00

\$82,000.00

12/16/2019

2019

24

N/A

N/A

Ν

Ν

HS-20-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 47000710011 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A150 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: WYNN AVE. COUNTY SEQUENCE: 1 CROSSING: WYNN AVE / S. KNOXVILLE LOG MILE: 1.01 LOCATION: WYNN AVE IN KNOXVILLE SUFFICIENCY RATING: 78.4 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.94890 DEGREES (17a,b) LONGITUDE: 83.89620 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A LOCAL CITY STREET (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: 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: 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 **EPOXY COATED REINFORCING** C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1994 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-PEDESTRIAN** (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: 121.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 242.1 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 20.3 FT RECOMMENDED IMPROVEMENTS 27.9 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT NEEDED) (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: **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: 81.4 FT INSPECTION DATES (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE** (54b) MIN VERTICAL UNDERCLEARANCE: (90) DATE OF LAST REGULAR INSPECTION: 17 95 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): 24.93 FT (56) MIN HORZ UNDERCLR ON LEFT: 28.54 FT (92b) UNDERWATER INSP FREQUENCY (MONTHS): (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:

Ν

35.92148 DEGREES

83.82627 DEGREES

N/A



BRIDGE ID NUMBER: 470A1590001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 00000

(98a) BORDER BRIDGE STATE CODE:

(16a,b) LATITUDE:

(17a,b) LONGITUDE:

ROAD NAME: BURNETT CREEK RD. CROSSING: BURNETT CREEK

LOCATION: N OF US441 ON BURNETT CR IDENTIFICATION

COUNTY: KNOX

LOG MILE: 2.67

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 71.3

ROUTE: 0A159

CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED**  CONDITION RATINGS (58) DECK: 6 (59) SUPERSTRUCTURE: 6 (60) SUBSTRUCTURE: 6 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): Ν DESIGN LOAD AND WEIGHT POSTING (31) DESIGN LOADING: OTHER OR UNKNOWN WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: **OPEN 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: 0N00 (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 33.1 FT (94) BRIDGE IMPROVEMENT COST: \$95,000.00 (95) ROADWAY IMPROVEMENT COST: \$10,000.00 (96) TOTAL PROJECT COST: \$143,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

#### (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 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: 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: 29.9 FT (49) TOTAL BRIDGE LENGTH: 33.1 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 21 FT 22.3 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 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: 21.0 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** (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

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

4/11/2018

24

N/A

N/A

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BRIDGE ID NUMBER: 470A1600001 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 00000 ROAD NAME: BROWN RD. CROSSING: KNOB CREEK

LOCATION: N OF SR33-SR168 JCT

COUNTY: KNOX ROUTE: 0A160 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 2.49

SUFFICIENCY RATING: 76.8

LOCATION: N OF SR33-SR168 JCT SUFFICIENCY RATING: 76.8	
IDENTIFICATION ————————————————————————————————————	
(16a,b) LATITUDE: N 35.89887 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: NO
(17a,b) LONGITUDE: W 83.92975 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(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 PRECAST PANELS	(59) SUPERSTRUCTURE: 7
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 6
A) TYPE OF SURFACE:  ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
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: OTHER OR UNKNOWN
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1965	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: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL ————
	(C7) CTDUCTUDAL EVALUATION.
(28h) NI IMBER OF LANES LINDER THE BRIDGE	(67) STRUCTURAL EVALUATION: 6
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 4
GEOMETRIC DATA	
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 19.7 FT	(68) DECK GEOMETRY: 4
GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 19.7 FT (49) TOTAL BRIDGE LENGTH: 22.6 FT	(68) DECK GEOMETRY: 4 (69) UNDERCLEARANCE RATING: N
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       19.7 FT         (49) TOTAL BRIDGE LENGTH:       22.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       19.7 FT         (49) TOTAL BRIDGE LENGTH:       22.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       19.7 FT         (49) TOTAL BRIDGE LENGTH:       22.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       22.3 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: ONNN
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       19.7 FT         (49) TOTAL BRIDGE LENGTH:       22.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: ONNN (113) SCOUR CONDITION RATING: U
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       19.7 FT         (49) TOTAL BRIDGE LENGTH:       22.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       22.3 FT         (52) BRIDGE OUT TO OUT WIDTH:       24.6 FT         (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:       16.1 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS)
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	(68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  U  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       19.7 FT         (49) TOTAL BRIDGE LENGTH:       22.6 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       22.3 FT         (52) BRIDGE OUT TO OUT WIDTH:       24.6 FT         (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:       16.1 FT         (33) BRIDGE MEDIAN:       NO MEDIAN         (34) BRIDGE SKEW:       15 DEGREES	(68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (36) TRAFFIC SAFETY FEATURES:  (113) SCOUR CONDITION RATING:  U  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT:  22.6 FT
(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:       4         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       ONNN         (113) SCOUR CONDITION RATING:       U         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       22.6 FT         (94) BRIDGE IMPROVEMENT COST:       \$59,000.00
(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: 16.1 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  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: \$59,000.00
(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: (34) BRIDGE SKEW: (35) BRIDGE FLARE:  NO FLARE	(68) DECK GEOMETRY:       4         (69) UNDERCLEARANCE RATING:       N         (71) WATERWAY ADEQUACY:       7         (72) APPROACH ROADWAY ALIGNMENT:       8         (36) TRAFFIC SAFETY FEATURES:       ONNN         (113) SCOUR CONDITION RATING:       U         RECOMMENDED IMPROVEMENTS         (75) TYPE OF WORK:       BRIDGE WIDENING (NO DECK REPAIRS NEEDED)         (76) LENGTH OF BRIDGE IMPROVEMENT:       22.6 FT         (94) BRIDGE IMPROVEMENT COST:       \$59,000.00         (95) ROADWAY IMPROVEMENT COST:       \$6,000.00         (96) TOTAL PROJECT COST:       \$89,000.00
(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: 16.1 FT (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.3 FT	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  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: 16.1 FT  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.3 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (37) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (37) TYPE OF WORK:  BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (38) ROADWAY IMPROVEMENT COST: (39) BRIDGE IMPROVEMENT COST: (30) STORMAN SERVICE S
(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: 16.1 FT  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.3 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (37) TYPE OF WORK:  SEIDGE WIDENING (NO DECK REPAIRS NEEDED) (37) TYPE OF WORK:  SEIDGE WIDENING (NO DECK REPAIRS NEEDED) (38) ROADWAY IMPROVEMENT: (39) BRIDGE IMPROVEMENT COST: (30) COOLUMN SERVICE SERVIC
(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: 16.1 FT  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT A HIGHWAY OR RAILROAD	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (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  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 4/17/2018
(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: 16.1 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 15 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.3 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (37) TYPE OF WORK:  38  38  30  30  31  31  32  417/2018  32  417/2018  417/2018  417/2018  417/2018  417/2018

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 470A1910001 COUNTY: KNOX
BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A191
FIPS CODE: 40000 SPECIAL CASE: 0
ROAD NAME: GRAND AVE. COUNTY SEQUENCE: 1

CROSSING: SECOND CREEK LOG MILE: 0.01

LOCATION: GRAN AVENUE IN KNOXVILLE	SUFFICIENCY RATING: 94.5
IDENTIFICATION —	
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE:  N 35.96463 DEGRE W 83.92607 DEGRE	ES (112) MEETS NBIS BRIDGE LENGTH: ES (104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE NA (26) FUNCTIONAL CLASS: LOCAL CITY STREET NO PARALLEL BRIDGE NO PARALLEL BRIDGE
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: CONCRETE CAST-IN-PLA (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: MONOLITHIC CONCRE B) TYPE MEMBRANE: NO C) TYPE PROTECTION: EPOXY COATED REINFORCII	(60) SUBSTRUCTURE: 7 TE (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 NE (62) CULVERT CONDITION (IF APPLICABLE): N
AGE AND SERVICE	(31) DESIGN LOADING: HS-20-44
	(41) WI POSTING STATUS: <b>OPEN</b>
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	APPRAISAL
(28b) NUMBER OF LANES UNDER THE BRIDGE:	(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5
GEOMETRIC DATA         (48) MAXIMUM SPAN LENGTH:       44.0         (49) TOTAL BRIDGE LENGTH:       46.9         (50a) LEFT SIDEWALK WIDTH:       5.6         (50b) RIGHT SIDEWALK WIDTH:       5.6	(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 8 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111
(51) BRIDGE CURB TO CURB WIDTH: 29.9	FT RECOMMENDED IMPROVEMENTS
(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:  24.9  NO MEDIA  NO FLA  (520) MIN VERTICAL CLEARANCE ON ROADWAY:  29.9	FT (75) TYPE OF WORK: NOT APPLICABLE  (76) LENGTH OF BRIDGE IMPROVEMENT: N/A  ES (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (97) YEAR OF IMPROVEMENT COST ESTIMATE:
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILRO	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICAB (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILRO. (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICAB (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICAB  NAVIGATION DATA  (38) NAV CONTROL: NO NAVIGATION CONTR	AD (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24  LE (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A  LE (92b) UNDERWATER INSP FREQUENCY (MONTHS): N  (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:



YES

8

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N/A

5/17/2018

24

N/A

N/A

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1000

HL-93

BRIDGE ID NUMBER: 470A1400001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A240 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: UNIVERSITY COMMONS WAY COUNTY SEQUENCE: 1 CROSSING: RAMP LOG MILE: 0.30 LOCATION: SW OF SR450-VOL. BLV JCT. SUFFICIENCY RATING: 97.0 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.94936 DEGREES (17a,b) LONGITUDE: 83.93889 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: (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: 2014 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: **NEW STRUCTURE** (42b) UNDER BRIDGE: **OTHER 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: 108.3 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 366.5 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 6.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 5.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 28.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 44 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 28.9 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: 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: 28.9 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** (39) NAVIGATION VERTICAL CLEARANCE: N/A PRODUCED PURSUANT TO (116) LIFT BRIDGE VERT CLEARANCE: N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:



YES

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7

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6

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N/A

5/8/2018

24

N/A

N/A

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H-15-44

BRIDGE ID NUMBER: 470A2480001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A248 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: TYSON MCGHEE PARK ST. COUNTY SEQUENCE: 1 CROSSING: THIRD CREEK LOG MILE: 0.00 LOCATION: NW OF SR115-SR1 JCT. SUFFICIENCY RATING: 93.5 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.95490 DEGREES (17a,b) LONGITUDE: 83.94815 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 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: (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: 1964 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: **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: 29.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 32.2 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 26.9 FT RECOMMENDED IMPROVEMENTS 35.1 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 26.9 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: 26.9 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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

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0NNN

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

LOCAL CITY STREET

**NO PARALLEL BRIDGE** 

OTHER OR UNKNOWN

ALL LEGAL LOADS

ALL LEGAL LOADS

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470A3070001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A307 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: FOREST PARK BLVD. COUNTY SEQUENCE: 1 CROSSING: FOREST PARK BLVD/SOU RR LOG MILE: 0.08 LOCATION: PARK BLVD-S OFF KINGSTON SUFFICIENCY RATING: 59.1 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.94080 DEGREES (17a,b) LONGITUDE: 83.98202 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: 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: 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 NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1930 WEIGHT POSTING (3 OR MORE AXLES): (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: **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: 35.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 91.9 FT (72) APPROACH ROADWAY ALIGNMENT: 0.0 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES:

0.0 FT

20 FT

23.6 FT

19.0 FT

**NO MEDIAN** 

0 DEGREES

**NO RESTRICTION** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**RAILROAD BENEATH BRIDGE** 

**RAILROAD BENEATH BRIDGE** 

**NO FLARE** 

19.7 FT

21 75 FT

9.51 FT

N/A

N/A

N/A

# (113) SCOUR CONDITION RATING:

 RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING WITH DECK REPAIR** (75) TYPE OF WORK: OR REPLACEMENT

(76) LENGTH OF BRIDGE IMPROVEMENT: 91.9 FT (94) BRIDGE IMPROVEMENT COST: \$386,000.00 (95) ROADWAY IMPROVEMENT COST: \$39,000.00 (96) TOTAL PROJECT COST: \$580,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/8/2018 (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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(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:

(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:



YES

5

5

5

7

Ν

5

3

Ν

6

8

7

0NNN

31.2 FT

\$86,000.00

\$130,000.00

6/22/2018

\$9,000.00

2018

24

N/A

Ν

Ν

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

LOCAL CITY STREET

**NO PARALLEL BRIDGE** 

OTHER OR UNKNOWN

ALL LEGAL LOADS

ALL LEGAL LOADS

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470A3170001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A317 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: CRESWELL LN. COUNTY SEQUENCE: 1 CROSSING: FOURTH CREEK LOG MILE: 0.00 LOCATION: W OFF SR332(NORTHSHORE DR SUFFICIENCY RATING: 61.2 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.92447 DEGREES (17a,b) LONGITUDE: 83.99755 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: 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: 1 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: **CONCRETE PRECAST PANELS** (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 NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1962 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 27.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 31.2 FT (72) APPROACH ROADWAY ALIGNMENT:

0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 17.1 FT 18 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 10 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION** (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 17.1 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

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

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PRODUCED PURSUANT TO

**BRIDGE WIDENING WITH DECK REPAIR** 

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(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:

(75) TYPE OF WORK:

RECOMMENDED IMPROVEMENTS

INSPECTION DATES

OR REPLACEMENT



COUNTY: KNOX

BRIDGE ID NUMBER: 470A4000001 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 40000 ROAD NAME: CIRCLE LN. CROSSING: BRANCH

LOCATION: S OFF PAPERMILL RD.

ROUTE: 0A400 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 0.03 SUFFICIENCY RATING: 65.0

LOCATION: S OFF PAPERMILL RD.	SUFFICIENCY RATING: 65.0	
IDENTIFICATION ————	CLASSIFICATION —	
(16a,b) LATITUDE: N 35.93545 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 84.01335 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: <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	
(45) NUMBER OF MAIN SPANS:  (46) NUMBER OF APPROACH SPANS:  0	(58) DECK: 7	
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(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: 7	
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N	
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———	
,	(31) DESIGN LOADING: OTHER OR UNKNOWN	
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: <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: 5	
	(68) DECK GEOMETRY: 5	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:	
(48) MAXIMUM SPAN LENGTH: 22.0 FT	(71) WATERWAY ADEQUACY: 7	
(49) TOTAL BRIDGE LENGTH: 24.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: ONNN	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: 8	
(51) BRIDGE CURB TO CURB WIDTH: 24 FT (52) BRIDGE OUT TO OUT WIDTH: 25.3 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 15.1 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 24 FT	
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$125,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$13,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$188,000.00	
(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: 6/22/2018	
(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	
NAVIGATION DATA	(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	

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX

BRIDGE ID NUMBER: 470A4820001
BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: AILOR AVE.

CROSSING: BRANCH

LOCATION: AILOR AVE-SW OF SR115-I40

ROUTE: 0A482 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.14

SUFFICIENCY RATING: 79.5

#### IDENTIFICATION (16a,b) LATITUDE: N 35.95958 DEGREES (17a,b) LONGITUDE: 83.95038 DEGREES (98a) BORDER 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 **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: (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 ─ GEOMETRIC DATA • (48) MAXIMUM SPAN LENGTH: 20.0 FT (49) TOTAL BRIDGE LENGTH: 23.0 FT (50a) LEFT SIDEWALK WIDTH: 4.9 FT (50b) RIGHT SIDEWALK WIDTH: 4.9 FT (51) BRIDGE CURB TO CURB WIDTH: 26.2 FT (52) BRIDGE OUT TO OUT WIDTH: 36.1 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN**

0 DEGREES

NO FLARE	(35) BRIDGE FLARE:
LEARANCE OVER RD: NO RESTRICTION	(520) MIN VERTICAL CL
CLEARANCE ON ROADWAY: 26.2 FT	(47) MIN HORIZONTAL
R: NOT A HIGHWAY OR RAILROAD	(54a) VERT UNDERCLE
NDERCLEARANCE: NOT APPLICABLE	(54b) MIN VERTICAL UN
R: <b>NOT A HIGHWAY OR RAILROAD</b>	(55a) HORZ UNDERCLE
RCLR ON RIGHT: NOT APPLICABLE	(55b) MIN HORZ UNDER
RCLR ON LEFT: NOT APPLICABLE	(56) MIN HORZ UNDER
NAVIGATION DATA	N

# NAV CONTROL NO NAVIGATION CONTROL

(30)	NO NAVIGATION CONTROL		NOL
(39)	NAVIGATION VERTICAL CLEARA	NCE:	N/A
(116)	LIFT BRIDGE VERT CLEARANCE	:	N/A
(40)	NAVIGATION HORZ CLEARANCE	<u>:</u>	N/A

PUBLICATION DATE 19-Mar-20

(34) BRIDGE SKEW:

SUFFICIENCY RATING: 79.5	
(112) MEETS NBIS BRIDGE LENGTH:	YES
(104) NATIONAL HIGHWAY SYSTEM: NOT A	NHS ROUTE
(26) FUNCTIONAL CLASS: LOCAL C	ITY STREET
(101) PARALLEL BRIDGE: NO PARAL	LEL BRIDGE
(102) TRAFFIC DIR: 2-W	AY TRAFFIC
(103) TEMPORARY BRIDGE: NOT A	PPLICABLE
(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK	K NETWORK
(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANO	CE HAS
NOT BEEN DETERMINED	
CONDITION RATINGS	
(58) DECK:	5
(59) SUPERSTRUCTURE:	5
(60) SUBSTRUCTURE:	5
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	6
(62) CULVERT CONDITION (IF APPLICABLE):	N
DESIGN LOAD AND WEIGHT POSTING	G ——
(31) DESIGN LOADING: OTHER OF	UNKNOWN
- ,	GAL LOADS
WEIGHT POSTING (3 OR MORE AXLES): ALL LE	GAL LOADS
(70) BRIDGE POSTING CODE:	5
(41) WT POSTING STATUS: <b>OPEN</b>	
APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	5
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	6
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	0NNN
(113) SCOUR CONDITION RATING:	8
RECOMMENDED IMPROVEMENTS	
(75) TYPE OF WORK: <b>BRIDGE REHABILITATION</b>	
(76) LENGTH OF BRIDGE IMPROVEMENT:	23 FT
(94) BRIDGE IMPROVEMENT COST:	\$151,000.00
(95) ROADWAY IMPROVEMENT COST:	\$16,000.00
(96) TOTAL PROJECT COST:	\$227,000.00
(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2018
INSPECTION DATES	
(90) DATE OF LAST REGULAR INSPECTION:	5/8/2018
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	
	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A

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(92c) SPECIAL INSP FREQUENCY (MONTHS):



YES

6

7

7

7

Ν

6

6

Ν

7

8

8

N/A

6/22/2018

24

N/A

N/A

Ν

Ν

1000

HS-20-44

BRIDGE ID NUMBER: 470A5090001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A509 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: CENTURY ST. COUNTY SEQUENCE: 1 CROSSING: E. FK. THIRD CREEK LOG MILE: 0.09 LOCATION: WEST KNOXVILLE SUFFICIENCY RATING: 93.9 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.96753 DEGREES (17a,b) LONGITUDE: 83.95298 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: INTEGRAL 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: 1999 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: 24.0 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: 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: 26.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 39 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: 29.9 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 PRODUCED PURSUANT TO (116) LIFT BRIDGE VERT CLEARANCE: N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: KNOX

BRIDGE ID NUMBER: 470A5280001 BRIDGE OWNER: CITY OF KNOXVILLE FIPS CODE: 40000

ROAD NAME: TENNESSEE AVE. CROSSING: SECOND CREEK

LOCATION: TENN AVE AT COSTER YDS

ROUTE: 0A528 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.88

SUFFICIENCY RATING: 99.9

IDENTIFICATION —	
(16a,b) LATITUDE: N 35.98393 DEGREES (17a,b) LONGITUDE: W 83.94775 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
	(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
(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
(45) NUMBER OF MAIN SPANS: 2	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N
(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: UNKNOWN	(62) CULVERT CONDITION (IF APPLICABLE): 7
C) TYPE PROTECTION: NONE	—— 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: 1965	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	(67) STRUCTURAL EVALUATION: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(68) DECK GEOMETRY: 7
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:
(48) MAXIMUM SPAN LENGTH: 12.1 FT	(71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH: 39.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1N11
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:
(51) BRIDGE CURB TO CURB WIDTH: 32.2 FT	
(52) BRIDGE OUT TO OUT WIDTH: 36.4 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9 FT	(75) TYPE OF WORK: <b>NOT APPLICABLE</b>
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(34) BRIDGE SKEW: 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: 31.8 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: 6/12/2018
(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
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO
	1 18777UU 1817 T UISOU/SIST TU

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 470A5940001 BRIDGE OWNER: CITY OF KNOXVILLE

(16a,b) LATITUDE:

(17a,b) LONGITUDE:

(98b) PERCENT SHARE:

C) TYPE PROTECTION:

FIPS CODE: 40000 ROAD NAME: LONAS DR. CROSSING: FOURTH CREEK

LOCATION: LONAS DR AT WEISGARBER RD IDENTIFICATION

Ν

35.94207 DEGREES

84.01102 DEGREES

**NOT APPLICABLE** 

N/A

N/A

COUNTY: KNOX ROUTE: 0A594 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 0.01

SUFFICIENCY RATING: 78.5

#### (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(98a) BORDER BRIDGE STATE CODE:

(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** 

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1966 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **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: 11.2 FT (49) TOTAL BRIDGE LENGTH: 24.3 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: 26.9 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: 30.8 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: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: LOCAL CITY STREET (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

## CONDITION RATINGS

(58) DECK: 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: 6 (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: 3/12/2020 (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

Ν

Ν

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7

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Ν

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8

8

NNNN

34.4 FT

2018

24

N/A

N/A

Ν

Ν

\$121,000.00

\$182,000.00

\$13,000.00

3/12/2020

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470A5950001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A595 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: OLD WEISGARBER RD. COUNTY SEQUENCE: 1 CROSSING: FOURTH CREEK LOG MILE: 0.35 LOCATION: WEISGARBER RD-N OF LONAS SUFFICIENCY RATING: 66.4 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.94537 DEGREES (17a,b) LONGITUDE: 84.01528 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A LOCAL CITY STREET (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: 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: OTHER OR UNKNOWN - 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: 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: 10.2 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 34.4 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: 20.3 FT RECOMMENDED IMPROVEMENTS 22.3 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT NEEDED) (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: **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.3 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** (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:



YES

BRIDGE ID NUMBER: 470A7050001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: NOT AVAILABLE CROSSING: THIRD CREEK

LOCATION: 2.5 M W OF SR62 I640 JCT

COUNTY: KNOX ROUTE: 0A705 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 0.06

SUFFICIENCY RATING: 98.9

#### IDENTIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.97975 DEGREES (17a,b) LONGITUDE: 84.01755 DEGREES

(98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A

(99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** 

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	1
(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	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

2018	(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:	21.0	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:	32.2	FT
(52) BRIDGE OUT TO OUT WIDTH:	32.2	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	28.9	FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: **45 DEGREES** 

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

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 31 8 FT

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

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

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

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

N/A

#### NAVIGATION 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 -

(104) NATIONAL HIGHWAY SYSTEM:	NOT A NHS ROUTE
(26) FUNCTIONAL CLASS:	LOCAL CITY STREET

(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

NATIONAL REGISTER

#### CONDITION RATINGS

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

#### DESIGN LOAD AND WEIGHT POSTING

HL-93	(31) DESIGN LOADING:
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):
ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):
•	(70) BRIDGE POSTING CODE:

(41) WT POSTING STATUS: OPEN

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

#### RECOMMENDED IMPROVEMENTS

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

21 FI	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$42,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$5,000.00	ROADWAY IMPROVEMENT COST:	(95)

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(96) TOTAL PROJECT COST:

2020

\$64,000.00

#### INSPECTION DATES

6/12/2018	(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: 470A7890001
BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: WALPINE LN.

CROSSING: BRANCH

LOCATION: WALPINE LN-N OF SR62

COUNTY: KNOX
ROUTE: 0A789
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.21

# SUFFICIENCY RATING: 74.2 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: **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:

ASPHALT

A) TYPE OF SURFACE:

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

ASPHALT

NONE

NONE

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

GEOMETRIC DATA		
0_0		
(48) MAXIMUM SPAN LENGTH:	26.9 F	FT
(49) TOTAL BRIDGE LENGTH:	28.9 F	FT
(50a) LEFT SIDEWALK WIDTH:	0.0 F	FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 F	FT
(51) BRIDGE CURB TO CURB WIDTH:	20.3 F	FT
(52) BRIDGE OUT TO OUT WIDTH:	21.7 F	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	20.0 F	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: 20.3 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

(38) 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: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: LOCAL CITY STREET (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED **CONDITION RATINGS** (58) DECK:

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

POSTING —	DESIGN LOAD AND WEIGHT
OTHER OR UNKNOWN	(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) WIT COTING CTATOC. OF EN	
APPRAISAL —	_
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	4
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	6
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES: <b>ONN</b>	IN
(113) SCOUR CONDITION RATING:	U

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 28.9 FT
(94) BRIDGE IMPROVEMENT COST: \$77,000.00
(95) ROADWAY IMPROVEMENT COST: \$8,000.00
(96) TOTAL PROJECT COST: \$116,000.00
(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/15/2018

(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

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24

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YES

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N/A

6/22/2018

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N/A

N/A

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BRIDGE ID NUMBER: 470A9550001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0A955 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: BERNARD AVE. COUNTY SEQUENCE: 1 CROSSING: SECOND CREEK LOG MILE: 0.07 LOCATION: BERNARD AVE-E OF 1275 SUFFICIENCY RATING: 98.8 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.97472 DEGREES (17a,b) LONGITUDE: 83.93045 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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 (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: OTHER OR UNKNOWN AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1999 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: **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: 26.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 34.4 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 4.3 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 4.3 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 32.2 FT RECOMMENDED IMPROVEMENTS 37.4 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 30.8 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: 26.6 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:



BRIDGE ID NUMBER: 470B0960001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: WILKERSON RD. CROSSING: BRANCH

LOCATION: WILKERSON RD-OFF MERCHANT

COUNTY: KNOX

ROUTE: 0B096 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.11 SUFFICIENCY RATING: 86.0

LOCATION: WILKERSON RD-OFF MERCHANT	SUFFICIENCY RATING: 86.0
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 35.99548 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.99813 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
(43a) MAIN SPAN MATERIAL: CONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE
(1.4)/11/11/11/11/11/11/11/11/11/11/11/11/11	NATIONAL REGISTER
(45) NUMBER OF MAIN SPANS: 1	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: N
(107) TYPE OF DECK: NOT APPLICABLE	(59) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: N
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: 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: 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: 8
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 10.2 FT	(69) UNDERCLEARANCE RATING:
(49) TOTAL BRIDGE LENGTH: 22.0 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: NNNN
(51) BRIDGE CURB TO CURB WIDTH: 23 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 23 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 23.0 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION
(22) PRIDGE MEDIAN.	(76) LENGTH OF BRIDGE IMPROVEMENT: 22 FT
(33) BRIDGE MEDIAN: NO MEDIAN	
(34) BRIDGE SKEW: NO MEDIAN  O DEGREES	(94) BRIDGE IMPROVEMENT COST: \$113,000.00
	(95) ROADWAY IMPROVEMENT COST: \$12,000.00
(34) BRIDGE SKEW: 0 DEGREES	(95)       ROADWAY IMPROVEMENT COST:       \$12,000.00         (96)       TOTAL PROJECT COST:       \$170,000.00
(34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE	(95)       ROADWAY IMPROVEMENT COST:       \$12,000.00         (96)       TOTAL PROJECT COST:       \$170,000.00         (97)       YEAR OF IMPROVEMENT COST ESTIMATE:       2020
(34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(95)       ROADWAY IMPROVEMENT COST:       \$12,000.00         (96)       TOTAL PROJECT COST:       \$170,000.00
(34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY:  0 DEGREES NO FLARE NO FLARE 23.0 FT	(95)       ROADWAY IMPROVEMENT COST:       \$12,000.00         (96)       TOTAL PROJECT COST:       \$170,000.00         (97)       YEAR OF IMPROVEMENT COST ESTIMATE:       2020
(34) BRIDGE SKEW: (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 23.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT A HIGHWAY OR RAILROAD	(95) ROADWAY IMPROVEMENT COST:       \$12,000.00         (96) TOTAL PROJECT COST:       \$170,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2020         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       6/15/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24
(34) BRIDGE SKEW: (35) BRIDGE FLARE: (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	(95) ROADWAY IMPROVEMENT COST:       \$12,000.00         (96) TOTAL PROJECT COST:       \$170,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2020         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       6/15/2018
(34) BRIDGE SKEW: (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 23.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT A HIGHWAY OR RAILROAD	(95) ROADWAY IMPROVEMENT COST:       \$12,000.00         (96) TOTAL PROJECT COST:       \$170,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2020         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       6/15/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24         (93b) DATE OF LAST UNDERWATER INSP (MO/YR):       N/A         (92b) UNDERWATER INSP FREQUENCY (MONTHS):       N
(34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: (54a) VERT UNDERCLR: (55b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT:  NOT APPLICABLE (NOT APPLICABLE (NOT APPLICABLE (NOT APPLICABLE (NOT APPLICABLE	(95)       ROADWAY IMPROVEMENT COST:       \$12,000.00         (96)       TOTAL PROJECT COST:       \$170,000.00         (97)       YEAR OF IMPROVEMENT COST ESTIMATE:       2020         INSPECTION DATES         (90)       DATE OF LAST REGULAR INSPECTION:       6/15/2018         (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
(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: (57) NOT APPLICABLE	(95) ROADWAY IMPROVEMENT COST:       \$12,000.00         (96) TOTAL PROJECT COST:       \$170,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2020         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       6/15/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24         (93b) DATE OF LAST UNDERWATER INSP (MO/YR):       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:

# NATIONAL BRIDGE INVENTORY



YES

**NOT A NHS ROUTE** 

LOCAL CITY STREET

**NO PARALLEL BRIDGE** 

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470B2120001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0B212 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: GREENWAY RD. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.01 LOCATION: NEAR BROADWAY-1640 JCT SUFFICIENCY RATING: 73.3 IDENTIFICATION CLASSIFICATION = (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.02028 DEGREES (17a,b) LONGITUDE: 83.92423 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: CONCRETE CONTINUOUS (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: n 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: 1930 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: **WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2

N/A	(101) PARALLEL BRIDGE. NO PARAI	LLEL BRIDGE
NOT APPLICABLE	(102) TRAFFIC DIR: 2-V	VAY TRAFFIC
AND MATERIAL ———	(103) TEMPORARY BRIDGE: NOT	APPLICABLE
ONCRETE CONTINUOUS	(110) NATIONAL TRUCK ROUTE: NOT ON TRUC	K NETWORK
ON APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICAN	
JI APPLICABLE	NOT BEEN DETERMINED	)
2	CONDITION RATINGS	
ANS: 0	(58) DECK:	N
CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:	N
CE AND DECK PROTECTION:	(60) SUBSTRUCTURE:	N
ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	6
NONE	(62) CULVERT CONDITION (IF APPLICABLE):	6
NONE	DESIGN LOAD AND WEIGHT POSTIN	1G ——
SERVICE ———	(31) DESIGN LOADING:	H-20-44
	WEIGHT POSTING (2 AXLE VEHICLES): ALL L	EGAL LOADS
JILT: 1930	WEIGHT POSTING (3 OR MORE AXLES): ALL L	EGAL LOADS
EHABILITATED: N/A	(70) BRIDGE POSTING CODE:	5
HIGHWAY	(41) WT POSTING STATUS: OPEN	
WATERWAY	APPRAISAL —	
ED BY BRIDGE: 2	(67) STRUCTURAL EVALUATION:	5
R THE BRIDGE: 0	(68) DECK GEOMETRY:	6
RIC DATA	(69) UNDERCLEARANCE RATING:	N
16.1 FT	(71) WATERWAY ADEQUACY:	5
34.1 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
0.0 FT	(36) TRAFFIC SAFETY FEATURES:	NNNN
0.0 FT	(113) SCOUR CONDITION RATING:	U
OTH: <b>29.9 FT</b>	RECOMMENDED IMPROVEMENTS	
l: <b>30.8 FT</b>		,
SHLDS) WIDTH: 26.9 FT	(75) TYPE OF WORK: BRIDGE REPLACEMENT	50.4 FT
NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	56.1 FT
9 DEGREES	(94) BRIDGE IMPROVEMENT COST:	\$357,000.00
NO FLARE	(95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST:	\$36,000.00
OVER RD: NO RESTRICTION		\$536,000.00
CE ON ROADWAY: 29.5 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2018
NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	
ARANCE: <b>NOT APPLICABLE</b>	(90) DATE OF LAST REGULAR INSPECTION:	4/30/2018
NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
ION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
NO NAVIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS):	N
EARANCE: N/A	PRODUCED PURSUANT	ТО

NAVIGATION DATA =

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

(28b) NUMBER OF LANES UNDER THE BRIDGE:

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

(520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

(54b) MIN VERTICAL UNDERCLEARANCE:

(55b) MIN HORZ UNDERCLR ON RIGHT:

(56) MIN HORZ UNDERCLR ON LEFT:

(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:

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

GEOMETRIC DATA

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

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE: N/A

**PUBLICATION DATE** 19-Mar-20



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COUNTY: KNOX

ROUTE: 0B253

BRIDGE ID NUMBER: 470B2530001 BRIDGE OWNER: CITY OF KNOXVILLE FIPS CODE: 40000

> ROAD NAME: HIGHLAND DR. CROSSING: FIRST CREEK

LOCATION: 15 M F OF SR33-SR331 ICT

SPECIAL CASE: 0	
COUNTY SEQUENCE: 1	
LOG MILE: 2.14	

SHEELCIENCY DATING: 70 1

LOCATION: 1.5 M E OF SR33-SR331 JCT	SUFFICIENCY RATING: 79.1	
IDENTIFICATION —	— CLASSIFICATION —	
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER:  NOT APPLICATE  BRIDGE TYPE AND MATERIAL  (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE	ES (112) MEETS NBIS BRIDGE LENGTH: ES (104) NATIONAL HIGHWAY SYSTEM: N/A (26) FUNCTIONAL CLASS: NO PARALLEL BRIDGE NO PARALLEL BRIDGE	
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS: (46) NUMBER OF APPROACH SPANS: (107) TYPE OF DECK: CONCRETE CAST-IN-PLA (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: INTEGRAL CONCRI B) TYPE MEMBRANE: C) TYPE PROTECTION: EPOXY COATED REINFORCE	(60) SUBSTRUCTURE: 8 TE (61) STREAM CHANNEL AND CHANNEL PROTECTION: 8 NE (62) CULVERT CONDITION (IF APPLICABLE): N	
AGE AND SERVICE	(31) DESIGN LOADING: <b>HS-20-44</b>	
(27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: HIGHW (42b) UNDER BRIDGE: WATERW	AY APPRAISAL APPRAISAL	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE:	2 ATTIONICE 8	
GEOMETRIC DATA	(68) DECK GEOMETRY:	
(48) MAXIMUM SPAN LENGTH:       26.9         (49) TOTAL BRIDGE LENGTH:       28.9         (50a) LEFT SIDEWALK WIDTH:       0.0         (50b) RIGHT SIDEWALK WIDTH:       0.0	### (71) WATERWAY ADEQUACY:	
(51) BRIDGE CURB TO CURB WIDTH: 29.9	FT RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: 32.5 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9	(75) TVDE OF WORK. PRINCE MIDENING (NO DECK DEDAIDS	
(33) BRIDGE MEDIAN:  (34) BRIDGE SKEW:  (35) BRIDGE FLARE:  (520) MIN VERTICAL CLEARANCE OVER RD:  (47) MIN HORIZONTAL CLEARANCE ON ROADWAY:  (54a) VERT UNDERCLR:  NOT A HIGHWAY OR RAILED	ES         (94)         BRIDGE IMPROVEMENT COST:         \$108,000.00           RE         (95)         ROADWAY IMPROVEMENT COST:         \$11,000.00           ON         (96)         TOTAL PROJECT COST:         \$163,000.00           FT         (97)         YEAR OF IMPROVEMENT COST ESTIMATE:         2018	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT A PPLICAL (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILRO (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICAL (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICAL	AD (93b) DATE OF LAST REGULAR INSPECTION: 4/30/2018  4/30/2018  4/30/2018  4/30/2018  4/30/2018  AD (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24  ALE (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR):  N/A	

**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:



COUNTY: KNOX

ROUTE: 0B359

LOG MILE: 0.07

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

BRIDGE ID NUMBER: 470B3590001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: HOLBROOK DR. CROSSING: HOLBROOK DR / B363

LOCATION: HOLBROOK-NEAR CEDAR& SR33	SUFFICIENCY RATING: 89.4	
IDENTIFICATION ——	CLASSIFICATION VEG	
(16a,b) LATITUDE: N 36.03698 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.93547 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	
(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) 1111 1555 05 1111 105 110	CONDITION RATINGS	
(45) NUMBER OF MAIN SPANS:	(58) DECK: <b>8</b>	
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: 8	
(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: ASPHALT	(62) CULVERT CONDITION (IF APPLICABLE):	
B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING	
,	(31) DESIGN LOADING: OTHER OR UNKNOWN	
AGE AND SERVICE	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: 1965	(70) BRIDGE POSTING CODE: 5	
(42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN	(41) WT POSTING STATUS: <b>OPEN</b>	
(42b) UNDER BRIDGE: HIGHWAY	APPRAISAL	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2		
(28b) NUMBER OF LANES UNDER THE BRIDGE: 2		
GEOMETRIC DATA	(68) DECK GEOMETRY: 4 (69) UNDERCLEARANCE RATING: 3	
(48) MAXIMUM SPAN LENGTH: 24.0 FT	(71) WATERWAY ADEQUACY:	
(49) TOTAL BRIDGE LENGTH: 63.0 FT		
(FOC) LEFT CIDEWALK MIDTH:	(72) ADDDOACH DOADWAY ALICHMENT:	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1NNN	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1NNN	
· · · · · · · · · · · · · · · · · · ·	(36) TRAFFIC SAFETY FEATURES: 1NNN (113) SCOUR CONDITION RATING: N	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS	
(50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       29.9 FT         (52) BRIDGE OUT TO OUT WIDTH:       37.4 FT         (32) APPROACH ROADWAY (W/ SHLDS) WIDTH:       24.9 FT	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT	
(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:  0.0 FT 29.9 FT 29.9 FT NO MEDIAN	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: 86.9 FT	
(50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: 29.9 FT (52) BRIDGE OUT TO OUT WIDTH: 37.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.9 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: \$684,000.00	
(50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: 29.9 FT (52) BRIDGE OUT TO OUT WIDTH: 37.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.9 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: \$684,000.00	
(50b) RIGHT SIDEWALK WIDTH: (51) BRIDGE CURB TO CURB WIDTH: 29.9 FT (52) BRIDGE OUT TO OUT WIDTH: 37.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 24.9 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: \$1,027,000.00	
(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: 29.9 FT NO MEDIAN NO MEDIAN NO FLARE	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (1NN)  86.9 FT  \$684,000.00  \$69,000.00	
(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	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (97) INSPECTION DATES	
(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: 15.85 FT	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (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: 3/16/2020	
(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) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT (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)	
(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: (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: (55b) MIN HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (1.31 FT	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT (76) LENGTH OF BRIDGE IMPROVEMENT: (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: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A	
(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) HORZ UNDERCLR: HIGHWAY BENEATH BRIDGE	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (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: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N	
(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: (54a) VERT UNDERCLR: (55b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (57a) NOT APPLICABLE	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (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: (91) REGULAR INSPECTION FREQUENCY (MONTHS): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N (93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(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: (54a) VERT UNDERCLR: (55b) MIN VERTICAL UNDERCLEARANCE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (56) MIN HORZ UNDERCLR ON LEFT: (56) MIN HORZ UNDERCLR ON LEFT: (574) NOT APPLICABLE	(36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING:  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: (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: (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

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7

6

6

2

N

6

8

8

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0NNN

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

LOCAL CITY STREET

**NO PARALLEL BRIDGE** 

OTHER OR UNKNOWN

ALL LEGAL LOADS

ALL LEGAL LOADS

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470B3630001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0B363 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: NORTHCREST CIR. COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 0.00 LOCATION: N OFF CEDAR DR AT SR33 SUFFICIENCY RATING: 82.0 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.03463 DEGREES (17a,b) LONGITUDE: w 83.93273 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: 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: 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: 1930 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 11.8 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 36.1 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: 24.9 FT

28.5 FT

25.9 FT

**NO MEDIAN** 

**NO FLARE** 

24 9 FT

N/A

N/A

N/A

32 DEGREES

NO RESTRICTION

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

#### RECOMMENDED IMPROVEMENTS

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

	NEEDED)
36.1 FT	(76) LENGTH OF BRIDGE IMPROVEMENT:
\$124,000.00	(94) BRIDGE IMPROVEMENT COST:
\$13,000.00	(95) ROADWAY IMPROVEMENT COST:
\$187,000.00	(96) TOTAL PROJECT COST:
2018	(97) YEAR OF IMPROVEMENT COST ESTIMATE:
	INSPECTION DATES
	(,

#### (90) DATE OF LAST REGULAR INSPECTION: 4/27/2018 (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):

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(52) BRIDGE OUT TO OUT WIDTH:

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(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** 



BRIDGE ID NUMBER: 470B3630001 COUNTY: KNOX
BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0B363
FIPS CODE: 40000 SPECIAL CASE: 0
ROAD NAME: FOUNTAIN RD. COUNTY SEQUENCE: 1
CROSSING: BRANCH LOG MILE: 0.00
LOCATION: N OFF CEDAR DR AT SR33 SUFFICIENCY RATING: 82.0

LOCATION: N OFF CEDAR DR AT SR33	SUFFICIENCY RATING: 82.0	
IDENTIFICATION —		
(16a,b) LATITUDE: N 36.03463 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.93273 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	
	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
BRIDGE TYPE AND MATERIAL	(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	
(AE) NILIMPED OF MAIN SPANS.	———— CONDITION RATINGS	
(45) NUMBER OF MAIN SPANS:	(58) DECK: N	
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE:	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(60) SUBSTRUCTURE: N	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
A) TYPE OF SURFACE:  ASPHALT  ASPHALT	(62) CULVERT CONDITION (IF APPLICABLE): 6	
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: 1930	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: 2	APPRAISAL ————	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6	
GEOMETRIC DATA	(68) DECK GEOMETRY: 2	
(48) MAXIMUM SPAN LENGTH: 11.8 FT	(69) UNDERCLEARANCE RATING:	
(49) TOTAL BRIDGE LENGTH: 36.1 FT	(71) WATERWAY ADEQUACY: 6	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: <b>ONNN</b>	
(51) BRIDGE CURB TO CURB WIDTH: 24.9 FT	(113) SCOUR CONDITION RATING: 8	
(52) BRIDGE OUT TO OUT WIDTH: 28.5 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 25.9 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 36.1 FT	
(34) BRIDGE SKEW: 32 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$124,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$13,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$187,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 24.9 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: 4/27/2018	
(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	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(38) NAV CONTROL: NO NAVIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS):	
(39) NAVIGATION VERTICAL CLEARANCE: N/A		
(AAS) LIST PRIDGE VERT OF SARANGE	PRODUCED PURSUANT TO	

N/A

N/A

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST

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and its production pursuant to a public
document records request does not
waive the provisions of §409

(116) LIFT BRIDGE VERT CLEARANCE:



YES

6

6

7

Ν

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

LOCAL CITY STREET

**NO PARALLEL BRIDGE** 

NOT ON TRUCK NETWORK

HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

BRIDGE ID NUMBER: 470B5220001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: TOPSIDE RD.

CROSSING: TOPSIDE RD. / CSX RR LOCATION: W OFF US129-N OF CO. LINE

COUNTY: KNOX ROUTE: 0B522 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.03

SUFFICIENCY RATING: 82.2

#### IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.87622 DEGREES (17a,b) LONGITUDE: 83.96000 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: CONTINUOUS (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 C) TYPE PROTECTION: **EPOXY COATED REINFORCING** (31) DESIGN LOADING: 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 (68) DECK GEOMETRY: GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 44.6 FT (49) TOTAL BRIDGE LENGTH: 128.6 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 22.6 FT 25.9 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 23.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 22 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.6 FT **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 22.6 FT (55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE (55b) MIN HORZ UNDERCLR ON RIGHT: 19 03 FT (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** NAVIGATION DATA (38) NAV CONTROL: **NOT APPLICABLE**

N/A

N/A

N/A

Ν DESIGN LOAD AND WEIGHT POSTING 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 4 (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 **NOT APPLICABLE** (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 4/3/2018 (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

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: KNOX

BRIDGE ID NUMBER: 470B7080001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: GEORGE WILLIAMS DR. CROSSING: TEN MILE CREEK LOCATION: S OF US70-E OF SR162

ROUTE: 0B708 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.13

SUFFICIENCY RATING: 72.2

LOCATION. S OF US/U-E OF SK102	SUFFICIENCY RATING. 12.2	
IDENTIFICATION —	CLASSIFICATION —	
(16a,b) LATITUDE: N 35.90597 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 84.07458 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	
(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:	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: 6	
A) TYPE OF SURFACE:  ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
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: OTHER OR UNKNOWN	
(27) YEAR THE BRIDGE WAS BUILT: 1945	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: 2	APPRAISAL ————	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6	
GEOMETRIC DATA	(68) DECK GEOMETRY: 2	
(48) MAXIMUM SPAN LENGTH: 29.9 FT	(69) UNDERCLEARANCE RATING:	
(49) TOTAL BRIDGE LENGTH: 33.1 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>0N11</b>	
(51) BRIDGE CURB TO CURB WIDTH: 21.3 FT	(113) SCOUR CONDITION RATING: 8	
(52) BRIDGE OUT TO OUT WIDTH: 23.6 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 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: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$152,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$16,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$229,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 21.3 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: 4/25/2018	
(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):	
NAVIGATION DATA	(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	
(116) LIFT BRIDGE VERT CLEARANCE: N/A	PUBLIC RECORDS REQUEST	

N/A

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COUNTY: KNOX

ROUTE: 0B819

BRIDGE ID NUMBER: 470B8190001 BRIDGE OWNER: CITY OF KNOXVILLE SPECIAL CASE: 0 FIPS CODE: 40000

ROAD NAME: GLADE DR. COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 0.01 SUFFICIENCY RATING: 99.0 LOCATION: PARKSIDE DR IN KNOYVILLE

LOCATION: PARKSI	IDE DR. IN KNOXVILLE SUFFICIENCY RATING: 99.0	SUFFICIENCY RATING: 99.0  CLASSIFICATION	
IDENTI	IFICATION ————		
(16a,b) LATITUDE:	N 35.90120 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES
(17a,b) LONGITUDE:	W 84.13750 DEGREES	,	NHS ROUTE
(98a) BORDER BRIDGE STATE			ITY STREET
(98b) PERCENT SHARE:	N/A	(101) PARALLEL BRIDGE: NO PARALI	LEL BRIDGE
(99) BORDER BRIDGE NUMBER	NOT APPLICABLE		AY TRAFFIC
			APPLICABLE
	AND MATERIAL	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK	K NETWORK
(43a) MAIN SPAN MATERIAL: (		(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 S	PANS: 0	(58) DECK:	N
(107) TYPE OF DECK:	NOT APPLICABLE	(59) SUPERSTRUCTURE:	N
(108) TYPE OF WEARING SURF	ACE AND DECK 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
C) TYPE PROTECTION:	NOT APPLICABLE	DESIGN LOAD AND WEIGHT POSTING	G ——
AGE AN	D SERVICE	(31) DESIGN LOADING:	HS-20-44
(27) YEAR THE BRIDGE WAS E		WEIGHT POSTING (2 AXLE VEHICLES): ALL LE	GAL LOADS
(106) YEAR THE BRIDGE WAS F		WEIGHT POSTING (3 OR MORE AXLES): ALL LE	GAL 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 CARF		APPRAISAL	
(28b) NUMBER OF LANES UNDE		(67) STRUCTURAL EVALUATION:	7
GEOME		(68) DECK GEOMETRY:	N
		(69) UNDERCLEARANCE RATING:	N
(48) MAXIMUM SPAN LENGTH:	12.1 FT	(71) WATERWAY ADEQUACY:	7
(49) TOTAL BRIDGE LENGTH:	24.9 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
(50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	NN00
(51) BRIDGE CURB TO CURB W		(113) SCOUR CONDITION RATING:	8
(52) BRIDGE OUT TO OUT WIDT		RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/		(75) TYPE OF WORK: NOT APPLICABLE	
(33) BRIDGE MEDIAN:	NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	N/A
(34) BRIDGE SKEW:	0 DEGREES	(94) BRIDGE IMPROVEMENT COST:	
(35) BRIDGE FLARE:	NO FLARE	(95) ROADWAY IMPROVEMENT COST:	
(520) MIN VERTICAL CLEARANCE		(96) TOTAL PROJECT COST:	
(47) MIN HORIZONTAL CLEARA		(97) YEAR OF IMPROVEMENT COST ESTIMATE:	
(54a) VERT UNDERCLR:	NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLE		(90) DATE OF LAST REGULAR INSPECTION:	4/25/2018
(55a) HORZ UNDERCLR:	NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(55b) MIN HORZ UNDERCLR ON		(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(56) MIN HORZ UNDERCLR ON		(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
		(OO ) DATE OF OPEOUAL INDEPENTION (MONO)	

**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

Ν

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

(92c) SPECIAL INSP FREQUENCY (MONTHS):

# NATIONAL BRIDGE INVENTORY



YES

7

7

7

7

Ν

6

4

N

6

8

8

0N00

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

LOCAL CITY STREET

**NO PARALLEL BRIDGE** 

OTHER OR UNKNOWN

ALL LEGAL LOADS

ALL LEGAL LOADS

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470B8220001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0B822 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: NEWPORT DR. COUNTY SEQUENCE: 1 CROSSING: TURKEY CREEK LOG MILE: 0.16 LOCATION: N OFF US70-AT LOVELL RD SUFFICIENCY RATING: 76.9 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.89420 DEGREES (17a,b) LONGITUDE: 84.14562 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: 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: 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: (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: 1965 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 25.3 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 26.9 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: 26.2 FT (52) BRIDGE OUT TO OUT WIDTH: 27.2 FT

24.9 FT

**NO MEDIAN** 

0 DEGREES

**NO RESTRICTION** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

**NO FLARE** 

26.2 FT

N/A

N/A

N/A

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 26.9 FT (94) BRIDGE IMPROVEMENT COST: \$77,000.00 (95) ROADWAY IMPROVEMENT COST: \$8,000.00 (96) TOTAL PROJECT COST: \$116,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 4/19/2018 (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

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(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(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:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

**NAVIGATION DATA** 



YES

Ν

Ν

Ν

7

6

Ν

Ν

6

8

8

N/A

4/19/2018

24

N/A

N/A

Ν

Ν

NNNN

HS-20-44

BRIDGE ID NUMBER: 470B8290001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0B829 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: ADMIRAL RD. COUNTY SEQUENCE: 1 CROSSING: TURKEY CREEK LOG MILE: 0.06 LOCATION: N OFF US70-W OF LOVELL RD SUFFICIENCY RATING: 100.0 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.88935 DEGREES (17a,b) LONGITUDE: 84.14922 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 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: 12.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 25.9 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: 17.1 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: 22.0 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:



YES

Ν

Ν

Ν

7

6

2

Ν

6

8

8

N/A

4/25/2018

24

N/A

N/A

Ν

Ν

0NNN

H-20-44

BRIDGE ID NUMBER: 470B8620001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0B862 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: WEST END AVE. COUNTY SEQUENCE: 1 CROSSING: TURKEY CREEK LOG MILE: 0.02 LOCATION: ON CONCORD RD SUFFICIENCY RATING: 78.6 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.88473 DEGREES (17a,b) LONGITUDE: 84.15367 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: 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: **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: 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: 4 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 14.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 51.5 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: 47.6 FT RECOMMENDED IMPROVEMENTS 55.4 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 47.6 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO 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: 47.2 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:

LOCATION: BTWN I40-CLINCH R & SR162



COUNTY: KNOX

SUFFICIENCY RATING: 73.3

ROUTE: 0C138

BRIDGE ID NUMBER: 470C1380001 BRIDGE OWNER: KNOX COUNTY SPECIAL CASE: 0 FIPS CODE: 00000 ROAD NAME: GALLAHER FERRY RD. COUNTY SEQUENCE: 1 CROSSING: CONNER CREEK LOG MILE: 0.12

LOCATION. BY WIN 140-CLINCH K & SK 162	SUFFICIENCY RATING. 13.3	
IDENTIFICATION ————		
(16a,b) LATITUDE: N 35.92018 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 84.21665 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD	
(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: <b>NOT APPLICABLE</b>	(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: 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): 7	
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: 1940	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	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION:	
GEOMETRIC DATA	(68) DECK GEOMETRY: 3	
(48) MAXIMUM SPAN LENGTH: 12.1 FT	(69) UNDERCLEARANCE RATING:	
(49) TOTAL BRIDGE LENGTH: 28.9 FT	(71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT:  8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: NNNN	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:	
(51) BRIDGE CURB TO CURB WIDTH: 20 FT	RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: 20.7 FT		
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 28.9 FT	
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$91,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$10,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$137,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 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: 5/1/2018	
(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):	

(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

**NO NAVIGATION CONTROL** 

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

(92c) SPECIAL INSP FREQUENCY (MONTHS):

PRODUCED PURSUANT TO

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(38) NAV CONTROL:

NAVIGATION DATA



BRIDGE ID NUMBER: 470C1400001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: RIPPLING DR.

CROSSING: CONNER CREEK

LOCATION: 4.8 M NW JCT I40 & SR 131

COUNTY: KNOX ROUTE: 0C140 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 79.0

LOG MILE: 0.08

LOCATION: 4.8 M NW JCT 140 & SR 131	SUFFICIENCY RATING: 79.0	
IDENTIFICATION —		
(16a,b) LATITUDE: N 35.93200 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 84.22543 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD	
(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:	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: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
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: OTHER OR UNKNOWN	
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 1980	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: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2		
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6	
GEOMETRIC DATA	(68) DECK GEOMETRY: 3	
(48) MAXIMUM SPAN LENGTH: 20.0 FT	(69) UNDERCLEARANCE RATING: N	
(49) TOTAL BRIDGE LENGTH: 22.0 FT	(71) WATERWAY ADEQUACY: 7	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 6	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: <b>0N00</b>	
(51) BRIDGE CURB TO CURB WIDTH: 17.4 FT	(113) SCOUR CONDITION RATING: 8	
(52) BRIDGE OUT TO OUT WIDTH: 18 FT	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 22 FT	
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$61,000.00	
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$7,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$92,000.00	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 17.4 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: 5/1/2018	
(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	
(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: 470C1420001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: JONEVA DR. CROSSING: CONNER CREEK

COUNTY: KNOX ROUTE: 0C142 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.02

LOCATION: JONEVA DR	SUFFICIENCY RATING: 87.0	
IDENTIFICATION —	CLASSIFICATION —	
(16a,b) LATITUDE: N 35.93025 DEGREE		
(17a,b) LONGITUDE: W 84.22157 DEGREE		
(98a) BORDER BRIDGE STATE CODE:	``	
(98b) PERCENT SHARE:		
(99) BORDER BRIDGE NUMBER: NOT APPLICABL		
	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
BRIDGE TYPE AND MATERIAL	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
(43a) MAIN SPAN MATERIAL: STEEL	(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE	NATIONAL REGISTER	
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS	
	0 (58) DECK: N	
(107) TYPE OF DECK: NOT APPLICABLE	(FO) SUPERSTRUCTURE.	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: N	
A) TYPE OF SURFACE: NOT APPLICABLE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
B) TYPE MEMBRANE: NOT APPLICABLE	(00) OUR VERT CONDITION (IE ARRIVE)	
C) TYPE PROTECTION: NOT APPLICABLE		
<b>,</b>	(31) DESIGN LOADING: H-15-44	
AGE AND SERVICE	WEIGHT POSTING (2 AXI E VEHICLES): ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 196	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: 200	(70) BRIDGE POSTING CODE:	
(42a) SERVICE ON BRIDGE: HIGHWA	(41) WT POSTING STATUS: <b>OPEN</b>	
(42b) UNDER BRIDGE: WATERWA	ΔPPRΔISΔI —	
	(67) STRUCTURAL EVALUATION:	
	(68) DECK GEOMETRY:	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:	
(48) MAXIMUM SPAN LENGTH: 4.3 F	(30) SNBERGEEN WHOE FATHERS: (71) WATERWAY ADEQUACY: 8	
(49) TOTAL BRIDGE LENGTH: 21.0 F	(72) APPROACH ROADWAY ALIGNMENT:	
(50a) LEFT SIDEWALK WIDTH: 0.0 F	T (36) TRAFFIC SAFETY FEATURES: 1011	
(50b) RIGHT SIDEWALK WIDTH: 0.0 F	(113) SCOUR CONDITION RATING:	
(51) BRIDGE CURB TO CURB WIDTH: UNDER FIL	RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: UNDER FIL	<b>_</b>	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 F		
(33) BRIDGE MEDIAN: NO MEDIA		
(34) BRIDGE SKEW: 14 DEGREE		
(35) BRIDGE FLARE: NO FLAR		
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION		
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.0 F		
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROA	INSPECTION DATES ————	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABL		
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROA	• • • • • • • • • • • • • • • • • • • •	
(55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABL	, ,	
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE		
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(38) NAV CONTROL: NO NAVIGATION CONTRO	L (92c) SPECIAL INSP FREQUENCY (MONTHS): N	
(39) NAVIGATION VERTICAL CLEARANCE: N/A	PRODUCED PURSUANT TO	
(116) LIFT BRIDGE VERT CLEARANCE: N/A	PUBLIC RECORDS REQUEST	

N/A

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# NATIONAL BRIDGE INVENTORY



TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470C1450001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0C145 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: SWAFFORD RD. COUNTY SEQUENCE: 1 CROSSING: BEAVER CREEK LOG MILE: 1.30 LOCATION: 1.7 M SW OF SR162-SR62 JC SUFFICIENCY RATING: 60.3 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.95638 DEGREES (17a,b) LONGITUDE: 84.19038 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 (45) NUMBER OF MAIN SPANS: 6 (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: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1967 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 23.3 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 149.6 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: 18 FT 20 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 14.1 FT NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES

**NO FLARE** 

18.0 FT

N/A

N/A

N/A

**NO RESTRICTION** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

YES **NOT A NHS ROUTE LOCAL RURAL ROAD 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: 7 Ν DESIGN LOAD AND WEIGHT POSTING OTHER OR UNKNOWN ALL LEGAL LOADS ALL LEGAL LOADS 5 3 N 7 8 0N00 8 RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING (NO DECK REPAIRS** 149.6 FT (94) BRIDGE IMPROVEMENT COST: \$330,000.00 (95) ROADWAY IMPROVEMENT COST: \$34,000.00 (96) TOTAL PROJECT COST: \$496,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 5/9/2018 (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):

> 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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(92c) SPECIAL INSP FREQUENCY (MONTHS):

(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** 



YES

6

7

7

8

Ν

6

2

N

7

4

8

1000

147 FT

2019

24

N/A

N/A

Ν

Ν

\$449,000.00

\$674,000.00

\$45,000.00

6/5/2018

H-15-44

BRIDGE ID NUMBER: 470C1990003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0C199 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: COWARD MILL RD. COUNTY SEQUENCE: 1 CROSSING: BEAVER CREEK LOG MILE: 1.40 LOCATION: E OF SR62-SR162 JCT SUFFICIENCY RATING: 74.3 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.96897 DEGREES (17a,b) LONGITUDE: w 84.14783 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A LOCAL CITY STREET (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** (102) TRAFFIC DIR: ONE LANE BRIDGE FOR 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: MASONRY (37) HISTORICAL CLASS: BRIDGE MAY BE ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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 NONE C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1895 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1989 (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: 1 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 79.7 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 147.0 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: 15.4 FT RECOMMENDED IMPROVEMENTS 17.4 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 FT NEEDED) (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: 15.4 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** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** (92b) UNDERWATER INSP FREQUENCY (MONTHS): (93c) DATE OF SPECIAL INSPECTION (MO/YR):

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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:

**NAVIGATION DATA** 

**NO NAVIGATION CONTROL** 

N/A

N/A

N/A

# NATIONAL BRIDGE INVENTORY



YES

6

6

6

7

2018

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470C1990001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0C199 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: BYINGTON-SOLWAY RD. COUNTY SEQUENCE: 1 CROSSING: BEAVER CREEK LOG MILE: 1.92 LOCATION: N OF SR162-SR131 EXIT SUFFICIENCY RATING: 75.4 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.97322 DEGREES (17a,b) LONGITUDE: w 84.14050 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 (45) NUMBER OF MAIN SPANS: 1 (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): NONE

B) TYPE MEMBRANE: NONE C) TYPE PROTECTION: - AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1910 (106) YEAR THE BRIDGE WAS REHABILITATED: 1989 (42a) SERVICE ON BRIDGE:

**HIGHWAY** (42b) UNDER BRIDGE: **WATERWAY** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 80.1 FT

(49) TOTAL BRIDGE LENGTH: 111.9 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 20 FT 21.7 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 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: 20.0 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

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

**NOT A NHS ROUTE** LOCAL CITY STREET **NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** CONDITION RATINGS

Ν DESIGN LOAD AND WEIGHT POSTING (31) DESIGN LOADING: OTHER OR UNKNOWN WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS

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

**APPRAISAL** (67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 4 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: 8

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 111.9 FT (94) BRIDGE IMPROVEMENT COST: \$257,000.00 (95) ROADWAY IMPROVEMENT COST: \$26,000.00 (96) TOTAL PROJECT COST: \$386,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/5/2018 (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: 470C3260001 BRIDGE OWNER: CITY OF KNOXVILLE

> FIPS CODE: 40000 ROAD NAME: NORA RD. CROSSING: WHITES CREEK

LOCATION: NORA RD-NE OF 1640-SR33 J IDENTIFICATION

COUNTY: KNOX ROUTE: 0C326 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.13

SUFFICIENCY RATING: 93.7

#### (16a,b) LATITUDE: Ν 36.02252 DEGREES (17a,b) LONGITUDE: 83.91455 DEGREES (98a) BORDER 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 0

(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: 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: 10.2 FT (49) TOTAL BRIDGE LENGTH: 24.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 21.7 FT 24 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 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: 21.7 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: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: LOCAL CITY STREET (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC

CLASSIFICATION

(103) TEMPORARY 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: 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

#### **APPRAISAL**

(67) STRUCTURAL EVALUATION: 7 (68) DECK GEOMETRY: 5 (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: **NOT APPLICABLE** 

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 4/27/2018 (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: 470C3340001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0C334 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: WALKER BLVD. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.18 LOCATION: E OFF SR33 ON WALKER BLVD SUFFICIENCY RATING: 82.4 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.00702 DEGREES (17a,b) LONGITUDE: 83.92448 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:

1994

2

0

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: 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:

(106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** 

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

(28a) NUMBER OF LANES CARRIED BY BRIDGE:

(28b) NUMBER OF LANES UNDER THE BRIDGE:

■ GEOMETRIC DATA •

(48) MAXIMUM SPAN LENGTH: 62.0 FT (49) TOTAL BRIDGE LENGTH: 65.9 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: 35.4 FT

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 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: 27.9 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

YES **NOT A NHS ROUTE** LOCAL CITY STREET **NO PARALLEL BRIDGE** 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

**NOT BEEN DETERMINED** 

#### CONDITION RATINGS

(58) DECK: 7 (59) SUPERSTRUCTURE: 7 (60) SUBSTRUCTURE: 7 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): 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: Ν (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1000 (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/15/2018 (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: KNOX

ROUTE: 0C334

BRIDGE ID NUMBER: 470C3340003 BRIDGE OWNER: CITY OF KNOXVILLE SPECIAL CASE: 0 FIPS CODE: 40000

ROAD NAME: WALKER BLVD. COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 0.51 LOCATION: WALKER BLVD-E OF SR33 SUFFICIENCY RATING: 84.5

LOCATION: WALKER BLVD-E OF SR33	SUFFICIENCY RATING: 84.5	
IDENTIFICATION ————		
(16a,b) LATITUDE: N 36.01047 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.92032 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: <b>PRESTRESSED CONCRETE</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:	CONDITION RATINGS	
(45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: 0	(58) DECK: <b>8</b>	
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE: 8	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 8	
A) TYPE OF SURFACE: MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7	
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: H-20-44	
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 2001	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		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6	
	(68) DECK GEOMETRY: 4	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:	
(48) MAXIMUM SPAN LENGTH: 36.1 FT	(71) WATERWAY ADEQUACY: 7	
(49) TOTAL BRIDGE LENGTH: 41.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1111	
(50b) RIGHT SIDEWALK WIDTH: 4.9 FT	(113) SCOUR CONDITION RATING: 8	
(51) BRIDGE CURB TO CURB WIDTH: 27.9 FT	RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: 35.4 FT	(75) TYPE OF WORK: NOT APPLICABLE	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT (33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A	
	(94) BRIDGE IMPROVEMENT COST:	
(34) BRIDGE SKEW: 40 DEGREES (35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST:	
-	(96) TOTAL PROJECT COST:	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 27.9 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 5/15/2018	
(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):	
NAVIGATION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR): N/A	
(38) NAV CONTROL: NO NAVIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS):	
(a.e.)		

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: KNOX

ROUTE: 0C342

BRIDGE ID NUMBER: 470C3420001 BRIDGE OWNER: CITY OF KNOXVILLE SPECIAL CASE: 0 FIPS CODE: 40000

ROAD NAME: POWERS ST. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.09 LOCATION: E OFF SR33-S OF 1640 SUFFICIENCY RATING: 80.4

LOCATION: E OFF SR33-S OF 1640	SUFFICIENCY RATING: 80.4	
IDENTIFICATION	- CLASSIFICATION	
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER:  N 36.00820 DEGREES N/A 83.92425 DEGREES N/A	(104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: (101) PARALLEL BRIDGE:  NO PARALLEL BRIDGE	
BRIDGE TYPE AND MATERIAL	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
(43a) MAIN SPAN MATERIAL: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS	
(46) 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:	(58) DECK: (59) SUPERSTRUCTURE: (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CULVERT CONDITION (IF APPLICABLE):  N	
AGE AND SERVICE	(31) DESIGN LOADING: OTHER OR UNKNOWN	
(27) YEAR THE BRIDGE WAS BUILT: 1965 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN (42b) UNDER BRIDGE: WATERWAY	WEIGHT POSTING (3 OR MORE AXLES):  (70) BRIDGE POSTING CODE:  (41) WT POSTING STATUS: OPEN  APPRAISAL	
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	(67) STRUCTURAL EVALUATION:	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	(68) DECK GEOMETRY: 6	
GEOMETRIC DATA	(69) UNDERCI FARANCE RATING:	
(48) MAXIMUM SPAN LENGTH: 21.0 FT (49) TOTAL BRIDGE LENGTH: 44.0 FT	(71) WATERWAY ADEQUACY <sup>1</sup> 5	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50b) RIGHT SIDEWALK WIDTH: 3.9 FT	(36) TRAFFIC SAFETY FEATURES: <b>ONNN</b>	
(51) BRIDGE CURB TO CURB WIDTH: 30.5 FT	(113) SCOUR CONDITION RATING:	
(52) BRIDGE OUT TO OUT WIDTH: 35.8 FT		
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 14 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 30.2 FT	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A  (94) BRIDGE IMPROVEMENT COST:  (95) ROADWAY IMPROVEMENT COST:  (96) TOTAL PROJECT COST:  (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: 5/15/2018	
(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		

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: 470C3440001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: MONTCLAIR AVE. CROSSING: FIRST CREEK

LOCATION: BTWN WALKER RD & SR33 - IDENTIFICATION

COUNTY: KNOX ROUTE: 0C344 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.12 SUFFICIENCY RATING: 49.7

IDENTIFICATION			
(16a,b) LATITUDE: N	36.01175	DEGREES	(
(17a,b) LONGITUDE: W	83.92207	<b>DEGREES</b>	(
(98a) BORDER BRIDGE STATE CODE:		N/A	(2
(98b) PERCENT SHARE:		N/A	(
(99) BORDER BRIDGE NUMBER:	NOT A	PPLICABLE	(
BRIDGE TYPE AND MAT	ERIAL -		(
(43a) MAIN SPAN MATERIAL: CONCRETE			(;
(44a) APPR SPAN MATERIAL: NOT APPLIC	ABLE		(,
			_

(45) NUMBER OF MAIN SPANS: 2 (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 NONE C) TYPE PROTECTION:

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

GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	27.9 FT
(49) TOTAL BRIDGE LENGTH:	57.1 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	27.6 FT
(52) BRIDGE OUT TO OUT WIDTH:	28.9 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	25.9 FT
(33) BRIDGE MEDIAN:	NO MEDIAN

(34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE 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:

(55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

# NAVIGATION DATA =

(38) 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: LOCAL CITY STREET 101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 102) TRAFFIC DIR: 2-WAY TRAFFIC 103) TEMPORARY BRIDGE: **NOT APPLICABLE** 110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK** 37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED CONDITION RATINGS** 

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

# DESIGN LOAD AND WEIGHT POSTING

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

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

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:

		\ -/
80.1 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$561,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$57,000.00	ROADWAY IMPROVEMENT COST:	(95)

**BRIDGE REPLACEMENT** 

(96) TOTAL PROJECT COST: \$842,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	5/15/2018
(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

7

7

7

7

Ν

7

6

Ν

7

8

8

N/A

5/21/2018

24

N/A

N/A

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1NNN

HL-93

BRIDGE ID NUMBER: 470C3470001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0C347 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: EMORILAND BLVD. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.18 LOCATION: AT SR33 ANF EMORILAND BLV SUFFICIENCY RATING: 100.0 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.00407 DEGREES (17a,b) LONGITUDE: 83.92663 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 2011 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: **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: 29.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 60.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 6.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 6.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 35.8 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 62.7 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 35.8 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: 18.0 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 = (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX

ROUTE: 0C548

BRIDGE ID NUMBER: 470C5480001

BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: **GRAINGER ST.** CROSSING: **FIRST CREEK** 

LOCATION: N OF 140-E OF BROADWAY

LOG MILE: 0.44
SUFFICIENCY RATING: 90.7

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

#### IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: YES Ν 35.98852 DEGREES (17a,b) LONGITUDE: 83.91540 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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 (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (58) DECK: 8 (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: 8 OTHER (107) TYPE OF DECK: (60) SUBSTRUCTURE: 8 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: (61) STREAM CHANNEL AND CHANNEL PROTECTION: R MONOLITHIC CONCRETE A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): Ν B) TYPE MEMBRANE: NONE DESIGN LOAD AND WEIGHT POSTING • C) TYPE PROTECTION: NONE (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: (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: 8 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: 5 GEOMETRIC DATA (69) UNDERCLEARANCE RATING: Ν (48) MAXIMUM SPAN LENGTH: 50.0 FT (71) WATERWAY ADEQUACY: 8 (49) TOTAL BRIDGE LENGTH: 55.0 FT (72) APPROACH ROADWAY ALIGNMENT: 8 (50a) LEFT SIDEWALK WIDTH: 9.8 FT (36) TRAFFIC SAFETY FEATURES: 1NNN (50b) RIGHT SIDEWALK WIDTH: 9.8 FT (113) SCOUR CONDITION RATING: 8 (51) BRIDGE CURB TO CURB WIDTH: 27.9 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 49.9 FT (75) TYPE OF WORK: **BRIDGE REHABILITATION** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 27.9 FT (76) LENGTH OF BRIDGE IMPROVEMENT: 55.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: \$463,000.00 (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: \$47,000.00 (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: \$695,000.00 (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2020 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 27.9 FT INSPECTION DATES **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (90) DATE OF LAST REGULAR INSPECTION: 5/10/2019 (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:



YES

8

8

8

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8

N/A

6/22/2018

24

N/A

N/A

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1NNN

HL-93

BRIDGE ID NUMBER: 470C5600001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0C560 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: GLENWOOD AVE. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.33 LOCATION: WOODLAND AVE-W OFF SR33 SUFFICIENCY RATING: 91.2 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.98510 DEGREES (17a,b) LONGITUDE: 83.91610 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 1 (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: 2014 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: **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: 53.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 53.0 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 10.2 FT (36) TRAFFIC SAFETY FEATURES: 10.2 FT (50b) RIGHT SIDEWALK WIDTH: (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 28.2 FT RECOMMENDED IMPROVEMENTS 49.9 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 28.2 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: 28.2 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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

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5

6

8

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5

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N

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8

0NNN

49.9 FT

2018

24

N/A

N/A

Ν

Ν

\$193,000.00

\$290,000.00

\$20,000.00

6/4/2018

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470C5900003 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0C590 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: E. FIFTH AVE. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.18 LOCATION: 5TH AVE-E OF I40 SUFFICIENCY RATING: 60.5 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.97782 DEGREES (17a,b) LONGITUDE: w 83.91402 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A LOCAL CITY STREET (98b) PERCENT SHARE: N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (99) BORDER BRIDGE NUMBER: (102) TRAFFIC DIR: **NOT APPLICABLE** (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: 1 (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 NONE C) TYPE PROTECTION: (31) DESIGN LOADING: OTHER OR UNKNOWN - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1922 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-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: 49.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 49.9 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 8.5 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 8.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 30.2 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 50.9 FT **BRIDGE WIDENING WITH DECK REPAIR** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 29.9 FT OR REPLACEMENT (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: **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 30.2 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):

**NOT APPLICABLE** 

**NOT APPLICABLE** 

N/A

N/A

N/A

**NO NAVIGATION CONTROL** 

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(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):

(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:



YES

7

8

7

R

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7

6

N

9

8

8

N/A

6/4/2018

24

N/A

N/A

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1NNN

HS-20-44

BRIDGE ID NUMBER: 470C8870001 COUNTY: KNOX BRIDGE OWNER: CITY OF KNOXVILLE ROUTE: 0C887 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: MCCALLA AVE. COUNTY SEQUENCE: 1 CROSSING: FIRST CREEK LOG MILE: 0.03 LOCATION: MC CALLA AVE-E OFF 140 SUFFICIENCY RATING: 99.9 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.97487 DEGREES (17a,b) LONGITUDE: 83.91147 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (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: 1989 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: **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: 26.2 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 51.5 FT (72) APPROACH ROADWAY ALIGNMENT: (50a) LEFT SIDEWALK WIDTH: 4.9 FT (36) TRAFFIC SAFETY FEATURES: (50b) RIGHT SIDEWALK WIDTH: 7.9 FT (113) SCOUR CONDITION RATING: (51) BRIDGE CURB TO CURB WIDTH: 37.1 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 52.2 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: 36.7 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:



BRIDGE ID NUMBER: 470C8990001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: E. JACKSON AVE.

CROSSING: RAMP TO GAY ST/GROUND

COUNTY: KNOX ROUTE: 0C899 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.24

LOCATION: JUST W OFF GAY ST VIADU			LOG MILE: 0.24	
	JC 1	SUFFICIENCY RATING: 22.3		
IDENTIFICATION —		CLASSIFICATIO		
	837 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	YES	
	172 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: NC	T 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: HISTORICA NOT BEEN	L SIGNIFICANCE HAS DETERMINED	
(45) NUMBER OF MAIN SPANS:	21	CONDITION RATI	NGS ———	
(46) NUMBER OF APPROACH SPANS:	0	(58) DECK:	3	
	CAST-IN-PLACE	(59) SUPERSTRUCTURE:	4	
(108) TYPE OF WEARING SURFACE AND DECK PRO		(60) SUBSTRUCTURE:	4	
A) TYPE OF SURFACE:	OTHER	(61) STREAM CHANNEL AND CHANNEL F	PROTECTION: N	
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICAB	LE): N	
C) TYPE PROTECTION:	NONE	DESIGN LOAD AND WEIG	HT POSTING ——	
AGE AND SERVICE		(31) DESIGN LOADING:	OTHER OR UNKNOWN	
	1010	WEIGHT POSTING (2 AXLE VEHICLES):	10 TONS	
(27) YEAR THE BRIDGE WAS BUILT:	1919	WEIGHT POSTING (3 OR MORE AXLES):	18 TONS	
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A	(70) BRIDGE POSTING CODE:	4	
	Y-PEDESTRIAN	(41) WT POSTING STATUS: OPEN, PO	(41) WT POSTING STATUS: OPEN, POSTING ORDERED	
(42b) UNDER BRIDGE:	HIGHWAY			
(28a) NUMBER OF LANES UNDER THE PRIDGE:	2	(67) STRUCTURAL EVALUATION:	4	
(28b) NUMBER OF LANES UNDER THE BRIDGE:	1	(68) DECK GEOMETRY:	2	
GEOMETRIC DATA		(69) UNDERCLEARANCE RATING:	- N	
(48) MAXIMUM SPAN LENGTH:	13.1 FT	(71) WATERWAY ADEQUACY:	N	
(49) TOTAL BRIDGE LENGTH:	253.9 FT	(72) APPROACH ROADWAY ALIGNMENT:		
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	(36) TRAFFIC SAFETY FEATURES:	ONNN	
(50b) RIGHT SIDEWALK WIDTH:	10.5 FT	(113) SCOUR CONDITION RATING:	N	
(51) BRIDGE CURB TO CURB WIDTH:	22.6 FT	RECOMMENDED IMPR		
(52) BRIDGE OUT TO OUT WIDTH:	34.4 FT			
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	21.0 FT			
(33) BRIDGE MEDIAN:	NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMEN		
(34) BRIDGE SKEW:	0 DEGREES	(94) BRIDGE IMPROVEMENT COST:	\$2,660,000.00	
(35) BRIDGE FLARE:	NO FLARE	(95) ROADWAY IMPROVEMENT COST:	\$267,000.00	

22.6 FT

N/A

N/A

N/A

**NO RESTRICTION** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

- INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(96) TOTAL PROJECT COST:

6/15/2018 (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

**PUBLICATION DATE** 19-Mar-20

(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

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waive the provisions of §409

\$3,991,000.00

2019



BRIDGE ID NUMBER: 470C8990003 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: E. JACKSON AVE.

CROSSING: RAMP TO GAY ST/GROUND LOCATION: JUST E OFF GAY ST VIADUCT

COUNTY: KNOX ROUTE: 0C899 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.26

SUFFICIENCY RATING: 2.0

LOCATION: JUST E OFF GAY ST VIADUCT	SUFFICIENCY RATING: 2.0	
IDENTIFICATION —		
(16a,b) LATITUDE: N 35.96888 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.92068 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	
(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: 19	———— CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 3	
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE: 3	
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 3	
A) TYPE OF SURFACE: OTHER	(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: OTHER OR UNKNOWN	
(27) YEAR THE BRIDGE WAS BUILT: 1919	WEIGHT POSTING (2 AXLE VEHICLES): 10 TONS	
(106) YEAR THE BRIDGE WAS REHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): 18 TONS	
(42a) SERVICE ON BRIDGE: HIGHWAY-PEDESTRIAN	(70) BRIDGE POSTING CODE: 4	
(42b) UNDER BRIDGE: HIGHWAY	(41) WT POSTING STATUS: WEIGHT POSTED	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2		
(28b) NUMBER OF LANES UNDER THE BRIDGE: 1	(67) STRUCTURAL EVALUATION: 3	
GEOMETRIC DATA	(68) DECK GEOMETRY: 2	
(48) MAXIMUM SPAN LENGTH: 12.1 FT	(69) UNDERCLEARANCE RATING: N	
(49) TOTAL BRIDGE LENGTH: 222.1 FT	(71) WATERWAY ADEQUACY:  N  (70) ADDROAGH BOADWAY ALIQUIMENT	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: ONNN	
(50b) RIGHT SIDEWALK WIDTH: 6.6 FT	(36) TRAFFIC SAFETY FEATURES: ONNN (113) SCOUR CONDITION RATING: N	
(51) BRIDGE CURB TO CURB WIDTH: 22.6 FT	RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: 30.8 FT		
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 FT	(75) TYPE OF WORK: BRIDGE REPLACEMENT (76) LENGTH OF BRIDGE IMPROVEMENT: 256.2 FT	
(33) BRIDGE MEDIAN: NO MEDIAN	(94) BRIDGE IMPROVEMENT COST: \$2,226,000.00	
(34) BRIDGE SKEW: 0 DEGREES	(95) ROADWAY IMPROVEMENT COST: \$2,226,000.00	
(35) BRIDGE FLARE:  NO FLARE	(96) TOTAL PROJECT COST: \$3,340,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.6 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 6/15/2018	
(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	
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		
(116) LIFT BRIDGE VERT CLEARANCE: N/A	PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST	
	I UDLIC NECONDS NEQUEST	

N/A

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(40) NAVIGATION HORZ CLEARANCE:



COUNTY: KNOX

ROUTE: 0C918

LOG MILE: 1.17

BRIDGE ID NUMBER: 470C9180001 BRIDGE OWNER: CITY OF KNOXVILLE SPECIAL CASE: 0

FIPS CODE: 40000

ROAD NAME: RIVERSIDE DR. CROSSING: SOUTHERN RAILWAY

LOCATION: RIVERSIDE DR.-S OF KNOXV

SUFFICIENCY RATING: 87.2

COUNTY SEQUENCE: 1

EGGATION: RIVEROIDE BR5 OF RIVORY	COLLIGIENCE INTRO. C. 2	
IDENTIFICATION ————		
(16a,b) LATITUDE: N 35.97070 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.86115 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD	
(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	(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: <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: 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: HL-93	
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(27) YEAR THE BRIDGE WAS BUILT: 2008	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		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7	
	(68) DECK GEOMETRY: 6	
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING: 9	
(48) MAXIMUM SPAN LENGTH: 149.6 FT	(71) WATERWAY ADEQUACY: N	
(49) TOTAL BRIDGE LENGTH: 154.2 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: <b>27.9 FT</b> (52) BRIDGE OUT TO OUT WIDTH: <b>30.2 FT</b>	RECOMMENDED IMPROVEMENTS	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 30.2 FT	(75) TYPE OF WORK: NOT APPLICABLE	
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A	
(34) BRIDGE SKEW: 11 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: 27.9 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	
(54a) VERT UNDERCLR: RAILROAD BENEATH BRIDGE	INSPECTION DATES	
(54b) MIN VERTICAL UNDERCLEARANCE: 23.1 FT	(90) DATE OF LAST REGULAR INSPECTION: 6/7/2018	
(55a) HORZ UNDERCLR: RAILROAD BENEATH BRIDGE	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24	
(55b) MIN HORZ UNDERCLR ON RIGHT: 22.97 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	DDODUCED DUDGUANT TO	
(44C) LIFT DDIDGE VEDT OF FADANCE.	PRODUCED PURSUANT TO	

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: KNOX

BRIDGE ID NUMBER: 470D2820001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: ATKIN RD. CROSSING: COX CREEK LOCATION: KNOXVILLE

ROUTE: 0D282 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.32 SUFFICIENCY RATING: 70.0

IDENTIFICATION

(16a,b) LATITUDE: Ν 36.07907 DEGREES (17a,b) LONGITUDE: 83.88722 DEGREES (98a) BORDER 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

(45) NUMBER OF MAIN SPANS:

C) TYPE PROTECTION:

(49) TOTAL BRIDGE LENGTH:

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(46) NUMBER OF APPROACH SPANS: n (107) TYPE OF DECK: **NOT APPLICABLE** (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE: **ASPHALT** B) TYPE MEMBRANE: **NOT APPLICABLE** 

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:

(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 29.9 FT 29.9 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 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: 29.9 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: LOCAL CITY STREET (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED** 

CONDITION RATINGS

(58) DECK: 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: 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** 

2

**NOT APPLICABLE** 

24.0 FT

24.0 FT

**APPRAISAL** 

(67) STRUCTURAL EVALUATION: 4 (68) DECK GEOMETRY: 4 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: NN<sub>0</sub>0 (113) SCOUR CONDITION RATING: U

RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 45.3 FT (94) BRIDGE IMPROVEMENT COST: \$286,000.00 (95) ROADWAY IMPROVEMENT COST: \$29,000.00

(96) TOTAL PROJECT COST: \$430,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/12/2018 (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: 470D2890001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000

> ROAD NAME: STORMER RD. CROSSING: BEAVER CREEK

LOCATION: STORMER RD-S OF SR131

COUNTY: KNOX ROUTE: 0D289 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.85

SUFFICIENCY RATING: 73.4

CLASSIFICATION ————
(112) MEETS NBIS BRIDGE LENGTH: YES
(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(102) TRAFFIC DIR: 2-WAY TRAFFIC
(103) TEMPORARY BRIDGE: NOT APPLICABLE
(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
CONDITION RATINGS
(58) DECK: 7
(59) SUPERSTRUCTURE: 7
(60) SUBSTRUCTURE: 7
(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
(62) CULVERT CONDITION (IF APPLICABLE):
DESIGN LOAD AND WEIGHT POSTING
(31) DESIGN LOADING: OTHER OR UNKNOWN
WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(70) BRIDGE POSTING CODE: 5
(41) WT POSTING STATUS: <b>OPEN</b>
APPRAISAL —
(67) STRUCTURAL EVALUATION: 6
(68) DECK GEOMETRY:
(00) DEGR GEOMETICE.
(69) UNDERCLEARANCE RATING: N
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: U
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  RECOMMENDED IMPROVEMENTS
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: U  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: U  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: U  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: 36.1 FT (94) BRIDGE IMPROVEMENT COST: \$95,000.00
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: U  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: 36.1 FT (94) BRIDGE IMPROVEMENT COST: \$95,000.00 (95) ROADWAY IMPROVEMENT COST: \$10,000.00
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  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: (17) \$10,000.00
(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: U  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: 36.1 FT (94) BRIDGE IMPROVEMENT COST: \$95,000.00 (95) ROADWAY IMPROVEMENT COST: \$10,000.00
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  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: (17) \$10,000.00
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  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
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  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) EARLY OF IMPROVEMENT COST ESTIMATE: (98) INSPECTION DATES
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  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:  1NSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 5/23/2018
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (MNNN) (113) SCOUR CONDITION RATING: U  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  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (MNNN) (113) SCOUR CONDITION RATING: U  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  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
(69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (113) SCOUR CONDITION RATING: U  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  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (93b) DATE OF LAST UNDERWATER INSP (MO/YR): (92b) UNDERWATER INSP FREQUENCY (MONTHS): N

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



NO

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Ν

Ν

7

6

Ν

N

7

8

8

N/A

5/23/2018

24

N/A

N/A

Ν

Ν

NNNN

H-15-44

COUNTY: KNOX

ROUTE: 0D289

BRIDGE ID NUMBER: 470D2890003 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: BEELER RD. CROSSING: BEAVER CREEK

LOCATION: .6 M NE OF BEELER RD

SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 1.39

SUFFICIENCY RATING: 92.5

#### IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.09910 DEGREES (17a,b) LONGITUDE: 83.87795 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: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT 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: **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: 1975 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: 23.0 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: 19.0 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: 19.0 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):

**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



YES

Ν

Ν

Ν

7

7

7

5

N

7

8

8

N/A

5/23/2018

24

N/A

N/A

Ν

Ν

0N00

HS-20-44

BRIDGE ID NUMBER: 470D2990001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D299 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: ANDERSONVILLE PK. COUNTY SEQUENCE: 1 CROSSING: WILLOW FORK CREEK LOG MILE: 0.25 LOCATION: JUST OF SR33-131 JCT SUFFICIENCY RATING: 88.7 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.08247 DEGREES (17a,b) LONGITUDE: w 83.92598 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: **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): 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: **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: 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: 27.9 FT RECOMMENDED IMPROVEMENTS 65 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 23.6 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: 27.9 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 =

**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:



BRIDGE ID NUMBER: 470D3500001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: CLAPPS CHAPEL RD. CROSSING: TABLER BRANCH

LOCATION: E OF SR131-N OF HARBISON

COUNTY: KNOX

ROUTE: 0D350

LOG MILE: 0.93

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 75.3

LOCATION. E OF SKIST-N OF HARDISON	SUFFICIENCY RATING. 75.3
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 36.15073 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.83150 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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	(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: <b>7</b>
(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: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
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: OTHER OR UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT: 1963	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BUILT.  (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: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH: 20.0 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 22.0 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: NNNN
(51) BRIDGE CURB TO CURB WIDTH: 20 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 21.3 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 22 FT
(34) BRIDGE SKEW: 15 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$64,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$7,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$97,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
	INSPECTION DATES
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	
(54a) VERT UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b> (54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b>	(90) DATE OF LAST REGULAR INSPECTION: 5/29/2018
,	
(54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 5/29/2018
(54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b> (55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	(90) DATE OF LAST REGULAR INSPECTION:5/29/2018(91) REGULAR INSPECTION FREQUENCY (MONTHS):24(93b) DATE OF LAST UNDERWATER INSP (MO/YR):N/A(92b) UNDERWATER INSP FREQUENCY (MONTHS):N
(54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b> (55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b> (55b) MIN HORZ UNDERCLR ON RIGHT: <b>NOT APPLICABLE</b>	(90) DATE OF LAST REGULAR INSPECTION:5/29/2018(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:

# NATIONAL BRIDGE INVENTORY



TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D3510001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D351 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: RODGERS RD. COUNTY SEQUENCE: 1 CROSSING: TABLER BRANCH LOG MILE: 1.63 LOCATION: WOLFE RD-SE OF SR131&CO L SUFFICIENCY RATING: 80.3 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.15473 DEGREES (17a,b) LONGITUDE: 83.82100 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: STEEL (37) HISTORICAL CLASS: (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 2 (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: **NOT APPLICABLE** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: **NOT APPLICABLE NOT APPLICABLE** C) TYPE PROTECTION:

1

0

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: **WATERWAY** 

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

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 10.2 FT (49) TOTAL BRIDGE LENGTH: 25.3 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT

(50b) RIGHT SIDEWALK WIDTH: 0.0 FT

(51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH:

(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 14.1 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: 14.1 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 **NOT A NHS ROUTE LOCAL RURAL ROAD NO PARALLEL BRIDGE** ONE LANE BRIDGE FOR 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

#### 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** 

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

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/29/2018 (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

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7

6

2

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7

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1N11

38.4 FT

2018

24

N/A

N/A

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\$164,000.00

\$17,000.00

\$247,000.00

5/23/2018

H-15-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470D3600001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D360 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: FAIRVIEW RD. COUNTY SEQUENCE: 1 CROSSING: BEAVER CREEK LOG MILE: 5.10 LOCATION: AT HARBISON X-RDS SUFFICIENCY RATING: 73.1 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.11535 DEGREES (17a,b) LONGITUDE: w 83.85818 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: (102) TRAFFIC DIR: **NOT APPLICABLE** (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: 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): 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 (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: 11.5 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 38.4 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: 22 FT RECOMMENDED IMPROVEMENTS 23.6 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 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: 22.0 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** (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: KNOX

LOG MILE: 0.64

ROUTE: 0D364

BRIDGE ID NUMBER: 470D3640001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0

ROAD NAME: CLEMENT RD. CROSSING: LITTLE FLAT CREEK

SUFFICIENCY RATING: 81.5

#### CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH:

YES 83.81073 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: N/A **LOCAL RURAL ROAD** 

N/A (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

> (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

COUNTY SEQUENCE: 1

**NOT BEEN DETERMINED** 

## CONDITION RATINGS

(58) DECK: Ν n (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: 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** 

## **APPRAISAL**

(67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: Ν (69) UNDERCLEARANCE RATING: N

(71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT:

(36) TRAFFIC SAFETY FEATURES: 0NNN (113) SCOUR CONDITION RATING: 8

6

8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/29/2018 (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

LOCATION: CLEMENT RD-SE OF SR131 IDENTIFICATION (16a,b) LATITUDE: Ν 36.14825 DEGREES (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: STEEL (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: (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: 1965 (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: 10.2 FT (49) TOTAL BRIDGE LENGTH: 23.3 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: 19.0 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: 19.0 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



BRIDGE ID NUMBER: 470D3800001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: LONGMIRE RD. CROSSING: FLAT CREEK

LOCATION: .5MI FROM UNION CO LINE

Ν

COUNTY: KNOX

ROUTE: 0D380

LOG MILE: 0.79

SPECIAL CASE: 0

SUFFICIENCY RATING: 85.5

COUNTY SEQUENCE: 1

(112) MEETS NBIS BRIDGE LENGTH: YES
(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE
(102) TRAFFIC DIR: 2-WAY TRAFFIC
(103) TEMPORARY BRIDGE: NOT APPLICABLE
(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK
(37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER
CONDITION RATINGS
(58) DECK: <b>8</b> (59) SUPERSTRUCTURE: <b>8</b>
(00)
(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
(62) CULVERT CONDITION (IF APPLICABLE):  N
DESIGN LOAD AND WEIGHT POSTING
(31) DESIGN LOADING: HS-20-44
WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(70) BRIDGE POSTING CODE: 5
(AA) ME DOOTING STATUS
(41) WT POSTING STATUS: <b>OPEN</b>
APPRAISAL
APPRAISAL (67) STRUCTURAL EVALUATION: 8
APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  4
APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  N
APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  8
APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  8
APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  8  (36) TRAFFIC SAFETY FEATURES:  1000
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:  8
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
APPRAISAL  (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: NOT APPLICABLE
APPRAISAL  (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
APPRAISAL  (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:
APPRAISAL  (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:
APPRAISAL  (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:
APPRAISAL  (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:
APPRAISAL  (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:
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: 1000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE: INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 5/29/2018
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: 1000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 5/29/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
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: 1000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 5/29/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A
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: 1000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: NOT APPLICABLE (76) LENGTH OF BRIDGE IMPROVEMENT: N/A (94) BRIDGE IMPROVEMENT COST: (95) ROADWAY IMPROVEMENT COST: (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATE:  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 5/29/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24

**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:



COUNTY: KNOX

ROUTE: 0D399

BRIDGE ID NUMBER: 470D3990001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0

ROAD NAME: OLD RUTLEDGE PK. COUNTY SEQUENCE: 1 CROSSING: BRICE BRANCH LOG MILE: 1.26 LOCATION: E OFF US11W-2.5 M S OF CO SUFFICIENCY RATING: 81.3

EGO/MIGN. E OH GOTHI EIGHI G GI	CONTROLLING TAXING. VI.
IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 36.10068 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.74132 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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: NOT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(45) NUMBER OF MAIN ORANG	———— CONDITION RATINGS
(45) NUMBER OF MAIN SPANS: 2	(58) DECK: N
(46) NUMBER OF APPROACH SPANS: 0	(59) SUPERSTRUCTURE: N
(107) TYPE OF DECK: NOT APPLICABLE	(60) SUBSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
A) TYPE OF SURFACE: NOT APPLICABLE B) TYPE MEMBRANE: NOT APPLICABLE	(62) CULVERT CONDITION (IF APPLICABLE): 5
B) TYPE MEMBRANE: NOT APPLICABLE C) TYPE PROTECTION: NOT APPLICABLE	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: 1975	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
(40k) LINIDED DDIDOE.	( · · ) · · · · · · · · · · · · · · · ·
(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	APPRAISAL (67) STRUCTURAL EVALUATION: 5
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	APPRAISAL  (67) STRUCTURAL EVALUATION: 5  (68) DECK GEOMETRY: N
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  10.2 FT	APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  N
(28a) NUMBER OF LANES CARRIED BY BRIDGE:  (28b) NUMBER OF LANES UNDER THE BRIDGE:  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH:  10.2 FT  (49) TOTAL BRIDGE LENGTH:  22.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: 5  (68) DECK GEOMETRY: N  (69) UNDERCLEARANCE RATING: N  (71) WATERWAY ADEQUACY: 6
(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: 5  (68) DECK GEOMETRY: N  (69) UNDERCLEARANCE RATING: N  (71) WATERWAY ADEQUACY: 6
(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: 5  (68) DECK GEOMETRY: N  (69) UNDERCLEARANCE RATING: N  (71) WATERWAY ADEQUACY: 6  (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: 5  (68) DECK GEOMETRY: N  (69) UNDERCLEARANCE RATING: N  (71) WATERWAY ADEQUACY: 6  (72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: NNNN  (113) SCOUR CONDITION RATING: 8
(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: UNDER FILL	APPRAISAL  (67) STRUCTURAL EVALUATION: 5  (68) DECK GEOMETRY: N  (69) UNDERCLEARANCE RATING: N  (71) WATERWAY ADEQUACY: 6  (72) APPROACH ROADWAY ALIGNMENT: 8  (36) TRAFFIC SAFETY FEATURES: NNNN
(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: UNDER FILL (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 6 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: 8
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(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	APPRAISAL  (67) STRUCTURAL EVALUATION:  (68) DECK GEOMETRY:  (69) UNDERCLEARANCE RATING:  (71) WATERWAY ADEQUACY:  (72) APPROACH ROADWAY ALIGNMENT:  (36) TRAFFIC SAFETY FEATURES:  (NNNN  (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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(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: 19.0 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 21.0 FT	APPRAISAL  (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (NNNN (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:
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(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: (520) MIN VERTICAL CLEARANCE OVER RD: (54a) VERT UNDERCLR: (54a) VERT UNDERCLR: (55a) HORZ UNDERCLR: (NOT A HIGHWAY OR RAILROAD (55b) HORZ UNDERCLR: (NOT A HIGHWAY OR RAILROAD	APPRAISAL  (67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 6 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 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: 5/24/2018 (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: (54a) VERT UNDERCLE: (54a) VERT UNDERCLE: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR: (NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR: (55d) MIN HORZ UNDERCLR: (55d) MIN HORZ UNDERCLR: (55d) MIN HORZ UNDERCLR: (55d) MIN HORZ UNDERCLR ON RIGHT: (10.2 FT (10.2 FT (10.2 FT (10.2 FT (10.2 FT (10.3 F	APPRAISAL  (67) STRUCTURAL EVALUATION: 5 (68) DECK GEOMETRY: N (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 6 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 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: 5/24/2018 (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:

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BRIDGE ID NUMBER: 470D3990003



YES

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N

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N/A

5/24/2018

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N/A

N/A

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HS-20-44

COUNTY: KNOX

BRIDGE OWNER: KNOX COUNTY ROUTE: 0D399 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: OLD RUTLEDGE PK. COUNTY SEQUENCE: 1 CROSSING: FLAT CREEK LOG MILE: 2.29 LOCATION: OLD RUTLEDGE PK SUFFICIENCY RATING: 91.2 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.11073 DEGREES (17a,b) LONGITUDE: w 83.72750 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: 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: 1 (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: 2000 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: 60.7 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 65.6 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: 28.2 FT RECOMMENDED IMPROVEMENTS 31.8 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: 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: 28.2 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 PRODUCED PURSUANT TO (116) LIFT BRIDGE VERT CLEARANCE: N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 470D4020001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: CHILDS RD.

CROSSING: LITTLE FLAT CREEK

COUNTY: KNOX

LOG MILE: 3.58

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

ROUTE: 0D402

LOCATION: CHILDS RD-S OFF WASHINGTN	SUFFICIENCY RATING: 89.5	
IDENTIFICATION ————————————————————————————————————		
	MEETS NBIS BRIDGE LENGTH: YES	
(17a,b) LONGITUDE: W 83.76765 DEGREES (104) N	NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A (26) F	FUNCTIONAL CLASS: LOCAL RURAL ROAD	
(98b) PERCENT SHARE: <b>N/A</b> (101) F	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	NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE (37) H	HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS	
(HAI)/II THOI /III WINTERIAL. NOT ALL EIGABLE	NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0 (58) D		
(107) THE OF BEOK.	JPERSTRUCTURE: 6	
(100) THE OF WEAKING SORE ACE AND DECKT ROTECTION.	JBSTRUCTURE: 6	
(20)	TREAM CHANNEL AND CHANNEL PROTECTION: 7	
b) THE MEMBIANE.	ULVERT CONDITION (IF APPLICABLE):  N	
-,	- DESIGN LOAD AND WEIGHT POSTING	
AGE AND SERVICE	ESIGN LOADING: OTHER OR UNKNOWN	
(27) YEAR THE BRIDGE WAS BUILT 1963	HT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(106) VEAR THE BRIDGE WAS REHABILITATED. N/A	HT POSTING (3 OR MORE AXLES):  ALL LEGAL LOADS  RIDGE POSTING CODE:  5	
(4/2) SERVICE ON BRIDGE:	RIDGE POSTING CODE: 5 T POSTING STATUS: <b>OPEN</b>	
(42b) UNDER BRIDGE: WATERWAY		
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL	
(200) NOMBER OF EARLS STADER THE BRIDGE.	TRUCTURAL EVALUATION: 6	
GEOWETRIC DATA	ECK GEOMETRY: 4	
(48) MAXIMUM SPANTENGTH 65.9 FT	NDERCLEARANCE RATING: N	
(49) TOTAL BRIDGE LENGTH: 68.9 FT \ \ \ \ \ \ \	ATERWAY ADEQUACY: 7 PPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH 0.0 FT	RAFFIC SAFETY FEATURES: 1111	
(50b) RIGHT SIDEWALK WIDTH 0.0 FT	SCOUR CONDITION RATING: 8	
(51) BRIDGE CURB TO CURB WIDTH:	RECOMMENDED IMPROVEMENTS —	
(32) BRIDGE OUT TO OUT WIDTH. <b>20 FT</b>		
(32) ATTROACITIOADWAT (W. GILLDS) WIDTH.	YPE OF WORK: NOT APPLICABLE  LENGTH OF BRIDGE IMPROVEMENT: N/A	
(33) BRIDGE MEDIAN.	LENGTH OF BRIDGE IMPROVEMENT:  BRIDGE IMPROVEMENT COST:	
(04) BRIDGE SILEW.	ROADWAY IMPROVEMENT COST:	
(06)	TOTAL PROJECT COST:	
(320) WIIN VERTICAL CLEARANCE OVER RD. NO RESTRICTION (77)	YEAR OF IMPROVEMENT COST ESTIMATE:	
(47) MIN TIGHTZ GIVEN CELL WINGE GIVEN BY WIN	INSPECTION DATES ————	
(54a) VERT UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b> (54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b> (90) D.	ATE OF LAST REGULAR INSPECTION: 5/30/2018	
• • • • • • • • • • • • • • • • • • • •	EGULAR INSPECTION FREQUENCY (MONTHS): 24	
• • • • • • • • • • • • • • • • • • • •	DATE OF LAST UNDERWATER INSP (MO/YR). N/A	
(56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (92b) L	DATE OF LAST UNDERWATER INSP (MO/YR):  N/A  JNDERWATER INSP FREQUENCY (MONTHS):  N	
• • • • • • • • • • • • • • • • • • • •	DATE OF LAST UNDERWATER INSP (MO/YR):  N/A  JNDERWATER INSP FREQUENCY (MONTHS):  N 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: KNOX

ROUTE: 0D403

LOG MILE: 0.76

BRIDGE ID NUMBER: 470D4030001
BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: **BUD HAWKINS RD.** CROSSING: **LITTLE FLAT CREEK** 

LOCATION: S OF CORRYTON

SUFFICIENCY RATING: 90.5

COUNTY SEQUENCE: 1

SPECIAL CASE: 0

LOCATION: S OF CORRYTON	SUFFICIENCY RATING: 90.5
IDENTIFICATION ————	
(16a,b) LATITUDE: N 36.12385 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.77492 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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: STEEL	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	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: 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 POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: H-15-44
(27) YEAR THE BRIDGE WAS BUILT: 1973	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: 2	APPRAISAL
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: N
(48) MAXIMUM SPAN LENGTH: 15.7 FT	(69) UNDERCLEARANCE RATING:
(49) TOTAL BRIDGE LENGTH: 30.8 FT	(71) WATERWAY ADEQUACY: 6
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0N00
(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: 18.0 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 30.8 FT
(34) BRIDGE SKEW: 0 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: 19.7 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: 5/29/2018
(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
NAVIGATION DATA	(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

N/A

N/A

PUBLICATION DATE 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: KNOX

LOG MILE: 0.93

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 58.4

ROUTE: 0D405

BRIDGE ID NUMBER: 470D4050001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: IDUMEA RD.

CROSSING: LITTLE FLAT CREEK

LOCATION: W OF US11W AT GRAINGER CO

OF TRANSPORTATION

#### SSIFICATION =

IDENT	IFICATION			CLAS
(16a,b) LATITUDE:	N	36.13030	<b>DEGREES</b>	(112) MEETS NBIS BRIDGE
(17a,b) LONGITUDE:	w	83.74948	<b>DEGREES</b>	(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 A	PPLICABLE	(102) TRAFFIC DIR:
BRIDGE TYPE	ANDMATE	-		(103) TEMPORARY BRIDGE

#### BRIDGE TYPE AND MATERIAL =

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(45) NUMBER OF MAIN SPANS:	1
(46) NUMBER OF APPROACH SPANS:	0
(107) TYPE OF DECK:	CORRUGATED STEEL
(108) TYPE OF WEARING SURFACE AND	DECK PROTECTION:
A) TVDE OF OUDEACE	ACDUALT

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

ICE	AGE AND SERVICE —
1963	(27) YEAR THE BRIDGE WAS BUILT:
ATED: N/A	(106) YEAR THE BRIDGE WAS REHABILITATED:
HIGHWAY	(42a) SERVICE ON BRIDGE:
WATERWAY	(42b) UNDER BRIDGE:
RIDGE: 2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
RIDGE: 0	(28b) NUMBER OF LANES UNDER THE BRIDGE:

GEOMETRIC DATA		
OLOMETRIO DATA		
(48) MAXIMUM SPAN LENGTH:	57.1 F	Т
(49) TOTAL BRIDGE LENGTH:	60.4 F	Т
(50a) LEFT SIDEWALK WIDTH:	0.0 F	Т
(50b) RIGHT SIDEWALK WIDTH:	0.0 F	Т
(51) BRIDGE CURB TO CURB WIDTH:	18.4 F	Т
(52) BRIDGE OUT TO OUT WIDTH:	20.7 F	Т
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	16.1 F	Т

NO MEDIAN		3) BRIDGE MEDIAN:	(33) I
0 DEGREES		4) BRIDGE SKEW:	(34) I
NO FLARE		5) BRIDGE FLARE:	(35) I
RESTRICTION	CLEARANCE OVER RD: NO	20) MIN VERTICAL CLE	(520)
18.4 FT	L CLEARANCE ON ROADWAY:	7) MIN HORIZONTAL CI	(47) I
OR RAILROAD	.R: <b>NOT A HIGHWAY</b>	4a) VERT UNDERCLR:	(54a)
T APPLICABLE	JNDERCLEARANCE: NO	4b) MIN VERTICAL UND	(54b)
OR RAILROAD	_R: <b>NOT A HIGHWAY</b>	5a) HORZ UNDERCLR:	(55a)
T APPLICABLE	ERCLR ON RIGHT: NO	5b) MIN HORZ UNDERO	(55b)
T APPLICABLE	ERCLR ON LEFT: NO	6) MIN HORZ UNDER	(56)

		NAVIGATION DATA
(38)	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:	NOT A NHS ROUTE
(26) FUNCTIONAL CLASS:	LOCAL RURAL ROAD
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(102) TRAFFIC DIR:	2-WAY TRAFFIC
(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK
(37) HISTORICAL CLASS: HISTORI NOT BEE	CAL SIGNIFICANCE HAS EN DETERMINED
CONDITION RA	TINGS —
(50) 5501	_

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

— DESIGN LOAD AND WEIGHT POSTING —		
1 1 0011110	DEGIGIT EGAD AND WEIGHT	
OTHER OR UNKNOWN	(31) DESIGN LOADING:	
ALL LEGAL LOADS	WEIGHT POSTING (2 AXLE VEHICLES):	
ALL LEGAL LOADS	WEIGHT POSTING (3 OR MORE AXLES):	
5	(70) RRIDGE POSTING CODE:	

OPEN	(41) WT POSTING STATUS:
PPRAISAL	APF
TION: 5	(67) STRUCTURAL EVALUATI
3	(68) DECK GEOMETRY:
ATING: N	(69) UNDERCLEARANCE RAT
CY: 7	(71) WATERWAY ADEQUACY
'ALIGNMENT: 6	(72) APPROACH ROADWAY A
TURES: 0000	(36) TRAFFIC SAFETY FEATU
ATING: 8	(113) SCOUR CONDITION RA

## RECOMMENDED IMPROVEMENTS

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

(76)	LENGTH OF BRIDGE IMPROVEMENT:	60.4 FT
(94)	BRIDGE IMPROVEMENT COST:	\$158,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$16,000.00
(96)	TOTAL PROJECT COST:	\$238,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2018
INSPECTION DATES		

#### (90) DATE OF LAST REGULAR INSPECTION: 5/30/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): (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):

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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# NATIONAL BRIDGE INVENTORY



YES

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N/A

**NOT A NHS ROUTE** 

**LOCAL RURAL ROAD** 

NO DADALLEL BRIDGE

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D4730001 COUNTY: KNOX ROUTE: 0D473 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: MCCAMPBELL DR. COUNTY SEQUENCE: 1 CROSSING: WHITES CREEK LOG MILE: 0.31 LOCATION: MC-CAMPBELL DR-N OF CITY SUFFICIENCY RATING: 77.6 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.04562 DEGREES (17a,b) LONGITUDE: 83.89293 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: N/A (26) FUNCTIONAL CLASS: (101) DADALLEL PRIDCE: (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: **CONCRETE PRECAST PANELS** (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: 1966 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY WATERWAY** (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 20.3 FT 22.0 FT (49) TOTAL BRIDGE LENGTH:

0.0 FT

0.0 FT

(101) PARALLEL BRIDGE: NO PARALI	LEL BRIDGE
(102) TRAFFIC DIR: 2-W	AY TRAFFIC
(103) TEMPORARY BRIDGE: NOT A	PPLICABLE
(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK	K NETWORK
(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANO	CE HAS
NOT BEEN DETERMINED	
CONDITION RATINGS	
(58) DECK:	7
(59) SUPERSTRUCTURE:	7
(60) SUBSTRUCTURE:	7
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
(62) CULVERT CONDITION (IF APPLICABLE):	N
DESIGN LOAD AND WEIGHT POSTING	G ——
(31) DESIGN LOADING: OTHER OF	UNKNOWN
WEIGHT POSTING (2 AXLE VEHICLES): ALL LE	GAL LOADS
· ·	GAL LOADS
(70) BRIDGE POSTING CODE:	5
(41) WT POSTING STATUS: <b>OPEN</b>	
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:	ONNN
(113) SCOUR CONDITION RATING:	U
RECOMMENDED IMPROVEMENTS	
(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK	REPAIRS
(76) LENGTH OF BRIDGE IMPROVEMENT:	22 FT
(94) BRIDGE IMPROVEMENT COST:	\$51,000.00
(95) ROADWAY IMPROVEMENT COST:	\$6,000.00
(96) TOTAL PROJECT COST:	\$77,000.00
(97) YEAR OF IMPROVEMENT COST ESTIMATE:	2018
INSPECTION DATES	
(90) DATE OF LAST REGULAR INSPECTION:	5/29/2018
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A

(92b) UNDERWATER INSP FREQUENCY (MONTHS):

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

(92c) SPECIAL INSP FREQUENCY (MONTHS):

(51) BRIDGE CURB TO CURB WIDTH: 22.6 FT (52) BRIDGE OUT TO OUT WIDTH: 24.3 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 15 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22 6 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE NAVIGATION DATA** (38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A (40) NAVIGATION HORZ CLEARANCE: N/A

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

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:



COUNTY: KNOX

LOG MILE: 0.02

ROUTE: 0D491

BRIDGE ID NUMBER: 470C4910001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0

ROAD NAME: PARKER RD. COUNTY SEQUENCE: 1 CROSSING: LOVE CREEK LOCATION: N OFF RUTLEDGE PK AT 1640 SUFFICIENCY RATING: 90.6

# IDENTIFICATION

(16a,b) LATITUDE: Ν 36.01983 DEGREES (17a,b) LONGITUDE: 83.85893 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A

#### (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

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

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

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1987 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **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: 12.5 FT (49) TOTAL BRIDGE LENGTH: 27.9 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 28.9 FT 31.5 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 23.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 15 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 28.9 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** 

NAVIGATION DATA =

**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** 

(56) MIN HORZ UNDERCLR ON LEFT:

CLASSIFICATION

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

(26) FUNCTIONAL CLASS: LOCAL CITY STREET

(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** 

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

#### CONDITION RATINGS

(58) DECK: 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: 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: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N00 (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 5/7/2018 (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: 470D5000001

BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: OLD RUTLEDGE PK.

CROSSING: WOODS CREEK

LOG MILE: 0.94

LOCATION: OLD RUTLEDGE PK-NEAR CITY

IDENTIFICATION

N 36.02870 DEGREES

(112) MEETS NBIS BRIDGE LENGTH:

N 92.92540 DEGREES

(104) NATIONAL HIGHWAY SYSTEM: NO

IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 36.02870 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.83540 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
(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
(Tray) at The France Hot All Eleable	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: 5
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 POSTING ———
AGE AND SERVICE	(31) DESIGN LOADING: OTHER OR UNKNOWN
(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: 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: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
(48) MAXIMUM SPAN LENGTH: 28.5 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 75.1 FT	(71) WATERWAY ADEQUACY: 7
	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0000
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 25.3 FT	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8
(50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT         (51) BRIDGE CURB TO CURB WIDTH:       25.3 FT         (52) BRIDGE OUT TO OUT WIDTH:       27.2 FT	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS
(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: 27.2 FT (33) BRIDGE MEDIAN: NO MEDIAN	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(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: 27.2 FT (33) BRIDGE MEDIAN: NO MEDIAN	(36) TRAFFIC SAFETY FEATURES: 00000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT
(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: 22.0 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT (94) BRIDGE IMPROVEMENT COST: \$253,000.00 (95) ROADWAY IMPROVEMENT COST: \$26,000.00 (96) TOTAL PROJECT COST: \$380,000.00
(50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 25.3 FT (52) BRIDGE OUT TO OUT WIDTH: 27.2 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 FT (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT  (94) BRIDGE IMPROVEMENT COST: \$253,000.00  (95) ROADWAY IMPROVEMENT COST: \$26,000.00
(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: 22.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT (94) BRIDGE IMPROVEMENT COST: \$253,000.00 (95) ROADWAY IMPROVEMENT COST: \$26,000.00 (96) TOTAL PROJECT COST: \$380,000.00
(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: 22.0 FT  (33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 25.3 FT	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)  (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT  (94) BRIDGE IMPROVEMENT COST: \$253,000.00  (95) ROADWAY IMPROVEMENT COST: \$26,000.00  (96) TOTAL PROJECT COST: \$380,000.00  (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(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: 22.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 25.3 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT (94) BRIDGE IMPROVEMENT COST: \$253,000.00 (95) ROADWAY IMPROVEMENT COST: \$26,000.00 (96) TOTAL PROJECT COST: \$380,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
(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:  22.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 25.3 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT (94) BRIDGE IMPROVEMENT COST: \$253,000.00 (95) ROADWAY IMPROVEMENT COST: \$26,000.00 (96) TOTAL PROJECT COST: \$380,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018  INSPECTION DATES  (90) DATE OF LAST REGULAR INSPECTION: 6/19/2018
(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: 22.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 25.3 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT A PPLICABLE	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT (94) BRIDGE IMPROVEMENT COST: \$253,000.00 (95) ROADWAY IMPROVEMENT COST: \$26,000.00 (96) TOTAL PROJECT COST: \$380,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 6/19/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(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: 22.0 FT  (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 25.3 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT A PPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(36) TRAFFIC SAFETY FEATURES: 0000 (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS (75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 75.1 FT (94) BRIDGE IMPROVEMENT COST: \$253,000.00 (95) ROADWAY IMPROVEMENT COST: \$26,000.00 (96) TOTAL PROJECT COST: \$380,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018  INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 6/19/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A

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:

(40) NAVIGATION HORZ CLEARANCE:

36.03583 DEGREES



YES

BRIDGE ID NUMBER: 470D5070001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

(16a.b) LATITUDE:

ROAD NAME: WOODS CREEK RD. CROSSING: WOODS CREEK

LOCATION: DARBY RD-S OFF US11W

IDENTIFICATION

COUNTY: KNOX ROUTE: 0D507 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 0.33

SUFFICIENCY RATING: 73.3

(100,2) 2 1111 02 21	• • •	00.0000	
(17a,b) LONGITUDE:	W	83.84133	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: CONCRE	TE		
(44a) APPR SPAN MATERIAL: NOT APP	PLICA	BLE	

(45) NUMBER OF MAIN SPANS: 1 (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 NONE 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** 

(48) MAXIMUM SPAN LENGTH:	25.9 FT
(49) TOTAL BRIDGE LENGTH:	28.9 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	19.4 FT
(52) BRIDGE OUT TO OUT WIDTH:	21.3 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	18.0 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 44 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 19.4 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

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

CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH:

(104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (26) FUNCTIONAL CLASS: LOCAL CITY STREET (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC

(103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK

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

**CONDITION RATINGS** 

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

#### DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING:	OTHER OR UNKNOWN
WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
(70) BRIDGE POSTING CODE:	5
(44) MT DOCTING CTATUS. OPEN	

(41) WT POSTING STATUS: OPEN

APPRAISAL	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	2
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	7

(72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: 8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 28.9 FT (94) BRIDGE IMPROVEMENT COST: \$91,000.00 (95) ROADWAY IMPROVEMENT COST: \$10,000.00 (96) TOTAL PROJECT COST: \$137,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 6/19/2018 (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



BRIDGE ID NUMBER: 470D6040001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: PLEASANT HILL RD. CROSSING: LYON CREEK

LOCATION: HIGT E OF HEADY HEZO ICT

6 6 6

7

N

COUNTY: KNOX

LOG MILE: 0.07

ROUTE: 0D604

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

CLIEFICIENCY DATING. 79 4

LOCATION: JUST E OF US11W	-US/0 JC1		SUFFICIENCY I	RATING: <b>/3.4</b>
IDENTIFICATIO	N ———			ATION ————
,	N 36.02758 DEGF	_	(112) MEETS NBIS BRIDGE LENGTH	
(17a,b) LONGITUDE:	V 83.72432 DEGF	REES	(104) NATIONAL HIGHWAY SYSTEM	1: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	LOCAL RURAL ROAD
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER:	NOT APPLICA	BLE	(102) TRAFFIC DIR:	2-WAY TRAFFIC
BRIDGE TYPE AND MATERIAL		(103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROUTE:	NOT APPLICABLE NOT ON TRUCK NETWORK	
(43a) MAIN SPAN MATERIAL: <b>CONCRETE</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLI</b>			(37) HISTORICAL CLASS: HISTONOT E	DRICAL SIGNIFICANCE HAS BEEN DETERMINED
(45) NUMBER OF MAIN SPANS:		2	——— CONDITION F	RATINGS ————
(46) NUMBER OF APPROACH SPANS:		0	(58) DECK:	6
(107) TYPE OF DECK: CONCE	PETE PRECAST PAN	JFI S	(59) SUPERSTRUCTURE:	6

(46) NUMBER OF APPROACH S	PANS: 0	(58) DECK:
(107) TYPE OF DECK:	CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURF.	ACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:
A) TYPE OF SURFACE:	ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION:
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPLICABLE):
C) TYPE PROTECTION:	NONE	—— DESIGN LOAD AND WEIGHT POSTING ——

0, 111 21 110 120 110 11.			
AGE AND SERVICE		(31) DESIGN LOADING:	OTHER OR UNKNOWN
AGE AND GERVIOL		WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT:	1964	,	
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A	WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
,		(70) BRIDGE POSTING CODE:	5
(42a) SERVICE ON BRIDGE:	HIGHWAY	(41) WT POSTING STATUS: OPEN	
(42b) UNDER BRIDGE:	WATERWAY	(41) WI FOSTING STATUS. OPEN	
		- APPRAISAI	

ADDDAIGAL	WATERWAY	(42b) UNDER BRIDGE:
APPRAISAL	2	(28a) NUMBER OF LANES CARRIED BY BRIDGE:
(67) STRUCTURAL EVALUATION: 6	0	(28b) NUMBER OF LANES UNDER THE BRIDGE:
(68) DECK GEOMETRY: 4		GEOMETRIC DATA
(69) UNDERCLEARANCE RATING: N	14.1 FT	
(71) WATERWAY ADEQUACY: 6		(48) MAXIMUM SPAN LENGTH:
(72) APPROACH ROADWAY ALIGNMENT: 8	31.2 FT	(49) TOTAL BRIDGE LENGTH:
(36) TRAFFIC SAFETY FEATURES: 0N00	0.0 FT	(50a) LEFT SIDEWALK WIDTH:
(113) SCOUR CONDITION RATING:	0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
(113) 333311 34111131	00 T TT	(E4) DDIDOE OLIDD TO OLIDD WIDTH

(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	(140) COOLE CONDITION DATING
(51) BRIDGE CURB TO CURB WIDTH:	20.7 FT	(113) SCOUR CONDITION RATING:
(52) BRIDGE OUT TO OUT WIDTH:	21.7 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	18.0 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS

NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 31.2 FT (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: \$80,000.00 (34) BRIDGE SKEW: 0 DEGREES (95) ROADWAY IMPROVEMENT COST: \$9,000.00 (35) BRIDGE FLARE: **NO FLARE** (96) TOTAL PROJECT COST: \$121,000.00 (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.7 FT INSPECTION DATES (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** 

,				
4b) MIN VERTICAL UNDERCLE	EARANCE:	NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION:	5/24/2018
5a) HORZ UNDERCLR:	NOT A HIGH	IWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
5b) MIN HORZ UNDERCLR ON	RIGHT:	NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
6) MIN HORZ UNDERCLR ON	LEFT:	NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
NAVIGA	TION DATA		(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
8) NAV CONTROL:		VIGATION CONTROL	(92c) SPECIAL INSP FREQUENCY (MONTHS):	N



YES

8

COUNTY: KNOX

BRIDGE ID NUMBER: 470D6960001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000

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ROAD NAME: WILL MERRITT DR. CROSSING: LIMESTONE CREEK

LOCATION: W MERRITT DR-S OFF I40

IDENTIFICATION

ROUTE: 0D696 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.83 SUFFICIENCY RATING: 85.4

#### (17a,b) LONGITUDE: 83.68062 DEGREES (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A

35.99230 DEGREES

0

(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

(16a,b) LATITUDE:

(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: NONE

B) TYPE MEMBRANE: NONE C) TYPE PROTECTION:

#### AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: 1984 (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

■ GEOMETRIC DATA •

(28b) NUMBER OF LANES UNDER THE BRIDGE:

(48) MAXIMUM SPAN LENGTH:	10.2 FT
(49) TOTAL BRIDGE LENGTH:	32.8 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	21.7 FT
(52) BRIDGE OUT TO OUT WIDTH:	26.2 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	20.0 FT
(33) BRIDGE MEDIAN:	NO MEDIAN

(34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** 

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 21.7 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: (104) NATIONAL HIGHWAY SYSTEM: **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: 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: 4 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N00

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(113) SCOUR CONDITION RATING:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 3/11/2020 (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

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N/A

3/11/2020

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N/A

N/A

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HL-93

BRIDGE ID NUMBER: 470D7080001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D708 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: DAVE SMITH RD. COUNTY SEQUENCE: 1 CROSSING: TUCKAHOE CREEK LOG MILE: 0.92 LOCATION: 240 FT S OF SMITH SCHL RD SUFFICIENCY RATING: 94.9 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.97100 DEGREES (17a,b) LONGITUDE: 83.66432 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: 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: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (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: 2014 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 **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: 16.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 37.0 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: 22 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 31.2 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **NO MEDIAN** (33) BRIDGE 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: 22.0 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 = (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A

N/A

N/A

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(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

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34.4 FT

\$68,000.00

\$103,000.00

3/11/2020

\$7,000.00

2018

24

N/A

N/A

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H-15-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470D7110001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D711 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: SMITH SCHOOL RD. COUNTY SEQUENCE: 1 CROSSING: TUCKAHOE CREEK LOG MILE: 1.31 LOCATION: SMITH SCH. RD-S OF I40 SUFFICIENCY RATING: 68.9 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.97455 DEGREES (17a,b) LONGITUDE: w 83.68523 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: (102) TRAFFIC DIR: **NOT APPLICABLE** (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: 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 ALL LEGAL LOADS WEIGHT POSTING (2 AXLE VEHICLES): (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: (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: 34.4 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: 21.7 FT RECOMMENDED IMPROVEMENTS 24.3 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 20.0 FT NEEDED) (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: **NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (97) YEAR OF IMPROVEMENT COST ESTIMATE: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 24.3 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** (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:



BRIDGE ID NUMBER: 470D7140001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: RUSSELL RD. CROSSING: TUCKAHOE CREEK

LOCATION: RUSSELL RD-S OF MA AT CO

COUNTY: KNOX

ROUTE: 0D714 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.59 SLIFFICIENCY RATING: 52 4

LOCATION: RUSSELL RD-S OF I40 AT CO	SUFFICIENCY RATING: 52.4
IDENTIFICATION —	
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE:  N 35.97050 DEGREES W 83.67035 DEGREES N/A	(112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: (101) PARALLEL BRIDGE:  NOT A NHS ROUTE LOCAL RURAL ROAD 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>STEEL</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: 5
(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: 7
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: OTHER OR UNKNOWN
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1945	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 (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
	(68) DECK GEOMETRY: 3
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:
(48) MAXIMUM SPAN LENGTH: 27.9 FT	(71) WATERWAY ADEQUACY: 6
(49) TOTAL BRIDGE LENGTH: 29.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: <b>0N00</b>
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: 8
(51) BRIDGE CURB TO CURB WIDTH: 18 FT (52) BRIDGE OUT TO OUT WIDTH: 19 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 FT	(75) TYPE OF WORK: BRIDGE REPLACEMENT
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 51.8 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$325,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$33,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$488,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 18.0 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: 3/11/2020
(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
NAVIGATION DATA	(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	DDODUGED BUDGHANG TO
	PRODUCED PURSUANT TO

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

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6

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7

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N

7

8

\$137,000.00

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**LOCAL RURAL ROAD** 

**NO PARALLEL BRIDGE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D7180001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D718 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: SMITH SCHOOL RD. COUNTY SEQUENCE: 1 CROSSING: TUCKAHOE CREEK LOG MILE: 0.41 LOCATION: SMITH SCH RD-AT MIDWAY SUFFICIENCY RATING: 65.9 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.97135 DEGREES (17a,b) LONGITUDE: 83.69337 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: 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: 1 (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: **ASPHALT** A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE

(61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CULVERT CONDITION (IF APPLICABLE): DESIGN LOAD AND WEIGHT POSTING NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - 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: 40.4 FT (49) TOTAL BRIDGE LENGTH: 43.6 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 20.3 FT 23.6 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 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: 20.3 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

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

OTHER OR UNKNOWN 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: (72) APPROACH ROADWAY ALIGNMENT:

(36) TRAFFIC SAFETY FEATURES: 0NNN (113) SCOUR CONDITION RATING: U

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 43.6 FT (94) BRIDGE IMPROVEMENT COST: \$91,000.00 (95) ROADWAY IMPROVEMENT COST: \$10,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(96) TOTAL PROJECT COST:

2018

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 3/11/2020 (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

7

Ν

6

3

N

7

8

8

1N11

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**LOCAL RURAL ROAD** 

**NO PARALLEL BRIDGE** 

OTHER OR UNKNOWN

ALL LEGAL LOADS

ALL LEGAL LOADS

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D7180003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D718 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: SMITH SCHOOL RD. COUNTY SEQUENCE: 1 CROSSING: TUCKAHOE CREEK LOG MILE: 0.62 LOCATION: SMITH SCH RD-NEAR MIDWAY SUFFICIENCY RATING: 73.4 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.96960 DEGREES (17a,b) LONGITUDE: 83.69662 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: 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: 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: (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: 1965 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: 2 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 38.1 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 40.0 FT (72) APPROACH ROADWAY ALIGNMENT: 0.0 FT (50a) LEFT SIDEWALK WIDTH: (36) TRAFFIC SAFETY FEATURES:

0.0 FT

19 FT

21 FT

18.0 FT

**NO MEDIAN** 

0 DEGREES

**NO RESTRICTION** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

**NO FLARE** 

19.0 FT

N/A

N/A

N/A

#### (113) SCOUR CONDITION RATING:

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 40 FT (94) BRIDGE IMPROVEMENT COST: \$107,000.00 (95) ROADWAY IMPROVEMENT COST: \$11,000.00 (96) TOTAL PROJECT COST: \$161,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION:	3/11/2020
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N

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(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:

# NATIONAL BRIDGE INVENTORY



YES

7

7

7

7

Ν

6

8

2018

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**LOCAL RURAL ROAD** 

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D7660001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D766 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: WAYLAND RD. COUNTY SEQUENCE: 1 CROSSING: SWAN POND CREEK LOG MILE: 2.12 LOCATION: WAYLAND RD-S OF I40 EXIT SUFFICIENCY RATING: 72.5 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.98673 DEGREES (17a,b) LONGITUDE: 83.78518 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: 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: 1 (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 NONE C) TYPE PROTECTION:

N/A

- AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1950 (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: 29.9 FT (49) TOTAL BRIDGE LENGTH: 33.1 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 20.3 FT 22.3 FT (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 17.1 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 20 DEGREES (35) BRIDGE FLARE: **NO FLARE NO RESTRICTION** (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.3 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

**NAVIGATION DATA** (38) NAV CONTROL: **NO NAVIGATION CONTROL** (39) NAVIGATION VERTICAL CLEARANCE: N/A (116) LIFT BRIDGE VERT CLEARANCE: N/A DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: OTHER OR UNKNOWN WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE:

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

**APPRAISAL** (67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: 2 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT:

(36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: U

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 33.1 FT (94) BRIDGE IMPROVEMENT COST: \$123,000.00 (95) ROADWAY IMPROVEMENT COST: \$13,000.00 (96) TOTAL PROJECT COST: \$185,000.00

INSPECTION DATES

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

(90) DATE OF LAST REGULAR INSPECTION: 4/4/2018 (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

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(40) NAVIGATION HORZ CLEARANCE:



YES

Ν

Ν

Ν

6

5

5

4

N

7

8

8

0NNN

39 FT

2018

24

N/A

N/A

Ν

Ν

\$77,000.00

\$116,000.00

\$8,000.00

4/4/2018

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470D7860001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D786 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: HOLSTON RIVER RD. COUNTY SEQUENCE: 1 CROSSING: SWAN POND CREEK LOG MILE: 0.80 **LOCATION: HOLSTON RIVER RD-W OF 168** SUFFICIENCY RATING: 69.7 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.98118 DEGREES (17a,b) LONGITUDE: 83.83293 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: 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: 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: OTHER OR UNKNOWN - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1920 WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (106) YEAR THE BRIDGE WAS REHABILITATED: 1945 (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: 39.0 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: 22 FT RECOMMENDED IMPROVEMENTS 24 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT NEEDED) (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: 22.0 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** (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: KNOX

ROUTE: 0D813

LOG MILE: 0.24

BRIDGE ID NUMBER: 470D8130001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0

CROSSING: FRENCH BROAD RIVER

ROAD NAME: FEDERAL RD.

LOCATION: FEDERAL RD-W OF SR168

IDENTIFICATION =

# CLASSIFICATION =

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 80.4

	. •		02, 10011 10, 1111	
(16a,b) LATITUDE:	N	35.94862 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	83.84132 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	N
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	LOC
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PA
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	
			(402) TEMPORARY PRIDCE.	

0

#### BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE

(44a) APPR SPAN MATERIAL: NOT APPLICABLE

(28b) NUMBER OF LANES UNDER THE BRIDGE:

2
0
OTHER
ECTION:

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

	AGE AND SERVICE
1965	(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:

# ■ GEOMETRIC DATA ■

68.9 FT	(48) MAXIMUM SPAN LENGTH:
140.1 FT	(49) TOTAL BRIDGE LENGTH:
0.0 FT	(50a) LEFT SIDEWALK WIDTH:
0.0 FT	(50b) RIGHT SIDEWALK WIDTH:
32.8 FT	(51) BRIDGE CURB TO CURB WIDTH:
36.7 FT	(52) BRIDGE OUT TO OUT WIDTH:
28.9 FT	(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:
NO MEDIAN	(33) BRIDGE MEDIAN:
25 DEGREES	(34) BRIDGE SKEW:
NO FLARE	(35) BRIDGE FLARE:
NO RESTRICTION	(520) MIN VERTICAL CLEARANCE OVER RD:
AY: <b>32.8 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
AY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHW
NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:

#### NAVIGATION DATA =

NOT A HIGHWAY OR RAILROAD

**NOT APPLICABLE** 

**NOT APPLICABLE** 

(38)	NAV CONTROL:	NO NAVIGATION CON	ITROL
(39)	NAVIGATION VERTICAL CLEARA	ANCE:	N/A
(440)	LIET DDIDOE VEDT OF EADANOE	•	

(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:

(56) MIN HORZ UNDERCLR ON LEFT:

YES NOT A NHS ROUTE CAL RURAL ROAD PARALLEL BRIDGE 2-WAY TRAFFIC (103) TEMPORARY 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:	5
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
(62) CULVERT CONDITION (IF APPLICABLE):	N

#### DESIGN LOAD AND WEIGHT POSTING =

(31) DESIGN LUADING.	OTHER OR UNKNOWN	
WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS	
WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS	
(70) BRIDGE POSTING CODE:	5	
(41) WT POSTING STATUS: OPEN		
4 D D D A 10 A 1		

OTHER OR HNIKNOWN

N/A

APPRAISAL	
ICTURAL EVALUATION:	5
( GEOMETRY:	9
ERCLEARANCE RATING:	N
ERWAY ADEQUACY:	7
ROACH ROADWAY ALIGNMENT:	8
FIC SAFETY FEATURES:	0000
OUR CONDITION RATING:	U

#### RECOMMENDED IMPROVEMENTS

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

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(24) DESIGN LOADING:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES =

(90) DATE OF LAST REGULAR INSPECTION:	4/10/2018
(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	10/2016
(92b) UNDERWATER INSP FREQUENCY (MONTHS):	Y60
(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
(92c) SPECIAL INSP FREQUENCY (MONTHS):	N



BRIDGE ID NUMBER: 470D8590001

BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: **DEADRICK RD.**CROSSING: **HINES CREEK** 

LOCATION: E OF SR168-N OF US441 JCT

COUNTY: KNOX
ROUTE: 0D859
SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 0.87

SUFFICIENCY RATING: 66.7

- IDENTIFICATION	CLASSIFICATION
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(16a,b) LATITUDE:	N	35 92418	DEGREES	(112) M
(17a,b) LONGITUDE:	w		DEGREES	` '
(98a) BORDER BRIDGE STATE CODE:	•••	00.7 0000	N/A	(26) F
(98b) PERCENT SHARE:			N/A	(101) P
(99) BORDER BRIDGE NUMBER:		NOT A	PPLICABLE	(102) T

## BRIDGE TYPE AND MATERIAL =

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

(45) NUMBER OF MAIN SPANS:
2 (46) NUMBER OF APPROACH SPANS:
0 (107) TYPE OF DECK:
CONCRETE PRECAST PANELS
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:

A) TYPE OF SURFACE:

B) TYPE MEMBRANE:

C) TYPE PROTECTION:

NONE

# AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1950 (106) YEAR THE BRIDGE WAS REHABILITATED: 1965 (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: WATERWAY (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0

GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	13.1 FT
(49) TOTAL BRIDGE LENGTH:	29.9 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	20.7 FT
(52) BRIDGE OUT TO OUT WIDTH:	21.7 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	15.1 FT

(33) BRIDGE MEDIAN: **NO 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: 20 7 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

NAVIGATION DATA

NO NAVIGATION CONTROL

(38) 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:	NOT A NHS ROUTE
(26) FUNCTIONAL CLASS:	LOCAL RURAL ROAD
(101) PARALLEL BRIDGE:	NO PARALLEL BRIDGE
(102) TRAFFIC DIR:	2-WAY TRAFFIC
(103) TEMPORARY BRIDGE:	NOT APPLICABLE
(110) NATIONAL TRUCK ROUTE:	NOT ON TRUCK NETWORK
	EN DETERMINED
CONDITION RA	TINGS ————

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

DESIGN I OAD AND WEIGHT POSTING

	DEGIGIT EGAD AITD WEIGHT
OTHER OR UNKNOWN	(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: <b>OPEN</b>	
APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	4
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	7
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	NNNN
(113) SCOUR CONDITION RATING:	8

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

NEEDED)
(76) LENGTH OF BRIDGE IMPROVEMENT: 29.9 FT
(94) BRIDGE IMPROVEMENT COST: \$77,000.00

(95) ROADWAY IMPROVEMENT COST: \$8,000.00 (96) TOTAL PROJECT COST: \$116,000.00

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

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

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2018

# NATIONAL BRIDGE INVENTORY



YES

NOT A NILS DOLLTE

TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D8690001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D869 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: FORDTOWN RD. COUNTY SEQUENCE: 1 CROSSING: BURNETT CREEK LOG MILE: 0.01 LOCATION: FORDTOWN RD-N OFF SR168 SUFFICIENCY RATING: 85.7 IDENTIFICATION **CLASSIFICATION** (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.92720 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (17a,b) LONGITUDE: 83.82730 DEGREES (98a) BORDER 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: n **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 NONE C) TYPE PROTECTION: AGE AND SERVICE (27) YEAR THE BRIDGE WAS BUILT: 1966 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY** 

N/A

N/A

N/A

**NO NAVIGATION CONTROL** 

W 83.82730 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A N	HS ROUTE
ODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RU	RAL ROAD
N/A	(101) PARALLEL BRIDGE: NO PARALLE	L BRIDGE
NOT APPLICABLE	(102) TRAFFIC DIR: 2-WA	Y TRAFFIC
AND MATERIAL ———	(103) TEMPORARY BRIDGE: NOT AP	PLICABLE
ONCRETE	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK	NETWORK
OT APPLICABLE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE	HAS
OT AFFEIGABLE	NOT BEEN DETERMINED	
1	CONDITION RATINGS	
ANS: 0	(58) DECK:	6
CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE:	6
CE AND DECK PROTECTION:	(60) SUBSTRUCTURE:	6
MONOLITHIC CONCRETE	(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
NONE	(62) CULVERT CONDITION (IF APPLICABLE):	N
NONE	DESIGN LOAD AND WEIGHT POSTING	
SERVICE —	(31) DESIGN LOADING: OTHER OR I	JNKNOWN
JILT: 1966	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEG	AL LOADS
EHABILITATED: N/A	WEIGHT POSTING (3 OR MORE AXLES): ALL LEG	AL LOADS
HIGHWAY	(70) BRIDGE POSTING CODE:	5
WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>	
ED BY BRIDGE: 2	— APPRAISAL —	
R THE BRIDGE: 0	(67) STRUCTURAL EVALUATION:	6
RIC DATA	(68) DECK GEOMETRY:	5
	(69) UNDERCLEARANCE RATING:	N
25.3 FT	(71) WATERWAY ADEQUACY:	7
26.9 FT	(72) APPROACH ROADWAY ALIGNMENT:	8
0.0 FT	(36) TRAFFIC SAFETY FEATURES:	NNNN
0.0 FT	(113) SCOUR CONDITION RATING:	8
OTH: 20.3 FT H: 21.3 FT	RECOMMENDED IMPROVEMENTS	
SHLDS) WIDTH: 20.0 FT	(75) TYPE OF WORK: NOT APPLICABLE	
NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT:	N/A
0 DEGREES	(94) BRIDGE IMPROVEMENT COST:	
NO FLARE	(95) ROADWAY IMPROVEMENT COST:	
OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:	
CE ON ROADWAY: 20.3 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE:	
NOT A HIGHWAY OR RAILROAD	INSPECTION DATES	
ARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION:	4/2/2018
NOT A HIGHWAY OR RAILROAD	(91) REGULAR INSPECTION FREQUENCY (MONTHS):	24
RIGHT: NOT APPLICABLE	(93b) DATE OF LAST UNDERWATER INSP (MO/YR):	N/A
LEFT: NOT APPLICABLE	(92b) UNDERWATER INSP FREQUENCY (MONTHS):	N
ION DATA	(93c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
IONDAIA		

(40) NAVIGATION HORZ CLEARANCE: **PUBLICATION DATE** 

19-Mar-20

(42b) UNDER BRIDGE:

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(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:

(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:

(39) NAVIGATION VERTICAL CLEARANCE:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

GEOMETRIC DATA

- NAVIGATION DATA -

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(92c) SPECIAL INSP FREQUENCY (MONTHS):

Ν



YES

7

7

6

7

Ν

6

5

N

6

8

8

N/A

4/11/2018

24

N/A

N/A

Ν

Ν

NNNN

BRIDGE ID NUMBER: 470D8700001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D870 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: BOWMAN RD. COUNTY SEQUENCE: 1 CROSSING: BURNETT CREEK LOG MILE: 0.01 LOCATION: BOWMAN RD N OF SR168-SR1 SUFFICIENCY RATING: 89.1 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: Ν 35.93242 DEGREES

#### (16a,b) LATITUDE: (17a,b) LONGITUDE: 83.82985 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: 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: 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: (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: OTHER OR UNKNOWN AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1965 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: 28.2 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 29.9 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: 23 FT RECOMMENDED IMPROVEMENTS 24.3 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 20.0 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: 23.0 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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



COUNTY: KNOX

LOG MILE: 0.21

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 72.7

ROUTE: 0D876

BRIDGE ID NUMBER: 470D8760001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: KIMBERLIN HEIGHTS RD.

CROSSING: HINES CREEK

LOCATION: SE OFF SR168-N OF US441

- IDENTIFICATION

### **CLASSIFICATION** -

IDENTIFICAT	IUN		
(16a,b) LATITUDE:	N	35.92628 DEGREES	(112) MEETS NBIS BF
(17a,b) LONGITUDE:	W	83.79772 DEGREES	(104) NATIONAL HIGH
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL C
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRID
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:

#### BRIDGE TYPE AND MATERIAL =

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

(28b) NUMBER OF LANES UNDER THE BRIDGE:

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

(45) NUMBER OF MAIN SPANS: 1 (46) NUMBER OF APPROACH SPANS: n **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
1930	(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:

#### GEOMETRIC DATA (48) MAXIMUM SPAN LENGTH: 40.0 FT (49) TOTAL BRIDGE LENGTH: 43.0 FT

0

21.0 FT

(50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 21 FT (52) BRIDGE OUT TO OUT WIDTH: 23.3 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: **46 DEGREES** (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 21 0 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

> NAVIGATION DATA **NO NAVIGATION CONTROL**

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

RIDGE LENGTH: YES HWAY SYSTEM: **NOT A NHS ROUTE** CLASS: **LOCAL RURAL ROAD** DGE: **NO PARALLEL BRIDGE** 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED

#### **CONDITION RATINGS**

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

#### DESIGN LOAD AND WEIGHT POSTING

OTHER OR UNKNOWN		(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
	OPEN	(41) WT POSTING STATUS:

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

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: 43 FT (94) BRIDGE IMPROVEMENT COST: \$195.000.00 (95) ROADWAY IMPROVEMENT COST: \$20,000.00 (96) TOTAL PROJECT COST: \$293,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: 4/2/2018 (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



NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D8770001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D877 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: DAVIS RD. COUNTY SEQUENCE: 1 CROSSING: HINES CREEK LOG MILE: 0.22 LOCATION: DAVIS RD-E OF SR168-SR1 J SUFFICIENCY RATING: 62.3 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.91335 DEGREES (17a,b) LONGITUDE: 83.79940 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 (45) NUMBER OF MAIN SPANS: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (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 NONE C) TYPE PROTECTION: (31) DESIGN LOADING: - 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: **OPEN** (42b) UNDER BRIDGE: **WATERWAY APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 1 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 (68) DECK GEOMETRY: GEOMETRIC DATA

13.1 FT

31.2 FT

0.0 FT

0.0 FT

12.1 FT

14.1 FT

11.2 FT

**NO MEDIAN** 

0 DEGREES

**NO RESTRICTION** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

**NO FLARE** 

12.1 FT

N/A

N/A

N/A

YES **NOT A NHS ROUTE LOCAL RURAL ROAD NO PARALLEL BRIDGE** ONE LANE BRIDGE FOR 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: 6 (62) CULVERT CONDITION (IF APPLICABLE): 5 DESIGN LOAD AND WEIGHT POSTING H-15-44 ALL LEGAL LOADS ALL LEGAL LOADS 5 2 (69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 6 (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: 1N11 (113) SCOUR CONDITION RATING: 8 RECOMMENDED IMPROVEMENTS **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 31.2 FT (94) BRIDGE IMPROVEMENT COST: \$124,000.00 (95) ROADWAY IMPROVEMENT COST: \$13,000.00 (96) TOTAL PROJECT COST: \$187,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: 4/2/2018 (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):

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(48) MAXIMUM SPAN LENGTH:

(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:



BRIDGE ID NUMBER: 470D9110001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: EVANS RD. CROSSING: BRANCH

COUNTY: KNOX ROUTE: 0D911 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.02

LOCATION: EVANS RD-N OFF US441-CO L SUFFICIENCY RATING: 78.5		
IDENTIFICATION —	CLASSIFICATION —	
(16a,b) LATITUDE: N 35.89922 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: NO	
(17a,b) LONGITUDE: W 83.80047 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE	
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD	
(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: CONCRETE	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS	
(44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	NOT BEEN DETERMINED	
(45) NUMBER OF MAIN SPANS: 1	CONDITION RATINGS	
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 6	
(107) TYPE OF DECK: CONCRETE PRECAST PANELS	(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: 7	
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: OTHER OR UNKNOWN	
(27) YEAR THE BRIDGE WAS BUILT: 1950	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
(106) YEAR THE BRIDGE WAS REHABILITATED: 1966	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: 5	
GEOMETRIC DATA	(68) DECK GEOMETRY: 5	
(48) MAXIMUM SPAN LENGTH: 18.0 FT	(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 6	
(49) TOTAL BRIDGE LENGTH: 21.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8	
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0N00	
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING:	
(51) BRIDGE CURB TO CURB WIDTH: 20.7 FT	RECOMMENDED IMPROVEMENTS	
(52) BRIDGE OUT TO OUT WIDTH: 21.3 FT		
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 FT	(75) TYPE OF WORK: BRIDGE REHABILITATION (76) LENGTH OF BRIDGE IMPROVEMENT: 21 FT	
(33) BRIDGE MEDIAN: NO MEDIAN	(94) BRIDGE IMPROVEMENT COST: \$100,000.00	
(34) BRIDGE SKEW: 9 DEGREES	(95) ROADWAY IMPROVEMENT COST: \$11,000.00	
(35) BRIDGE FLARE:  NO FLARE	(96) TOTAL PROJECT COST: \$151,000.00	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2019	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.7 FT	INSPECTION DATES	
(54a) VERT UNDERCLE: NOT A HIGHWAY OR RAILROAD		
(54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b> (55a) HORZ UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b>	(90) DATE OF LAST REGULAR INSPECTION: 4/18/2018 (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 RIGHT: 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):	
(39) NAVIGATION VERTICAL CLEARANCE: N/A		
• • •	DD ODLIGED BUDGILANT TO	
(116) LIFT BRIDGE VERT CLEARANCE: N/A	PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST	

N/A

**PUBLICATION DATE** 19-Mar-20

(40) NAVIGATION HORZ CLEARANCE:



YES

\$121,000.00

\$182,000.00

4/13/2018

2018

24

N/A

N/A

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Ν

\$13,000.00

**NOT A NHS ROUTE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D9170001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D917 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: PICKENS GAP RD. COUNTY SEQUENCE: 1 CROSSING: STOCK CREEK LOG MILE: 0.08 LOCATION: TIPTON STA. RD-S OF SR168 SUFFICIENCY RATING: 62.6 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.89122 DEGREES (17a,b) LONGITUDE: 83.84338 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: N/A (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE** BRIDGE TYPE AND MATERIAL = (43a) MAIN SPAN MATERIAL: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE (45) NUMBER OF MAIN SPANS: 2 (46) NUMBER OF APPROACH SPANS: 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:

0.0 FT

0.0 FT

14.4 FT

16.1 FT

N/A

AGE AND SERVICE —	
(27) YEAR THE BRIDGE WAS BUILT:	1915
(106) YEAR THE BRIDGE WAS REHABILITATED:	N/A
(42a) SERVICE ON BRIDGE:	HIGHWAY
(42b) UNDER BRIDGE:	WATERWAY
(28a) NUMBER OF LANES CARRIED BY BRIDGE:	1
(28b) NUMBER OF LANES UNDER THE BRIDGE:	0
GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	13.1 FT
(49) TOTAL BRIDGE LENGTH:	28.9 FT

14.1 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>14.4 FT</b>	(47) MIN HORIZONTAL CLEARANCE ON ROADW
AY OR RAILROAD	(54a) VERT UNDERCLR: NOT A HIGHW
NOT APPLICABLE	(54b) MIN VERTICAL UNDERCLEARANCE:
AY OR RAILROAD	(55a) HORZ UNDERCLR: NOT A HIGHW
NOT APPLICABLE	(55b) MIN HORZ UNDERCLR ON RIGHT:
NOT APPLICABLE	(56) MIN HORZ UNDERCLR ON LEFT:
	NAVIGATION DATA

NAVIOATION DATA		
(38)	NAV CONTROL:	NO NAVIGATION CONTROL
(39)	NAVIGATION VERTICAL CLEAR	ANCE: N/A
(116)	LIFT BRIDGE VERT CLEARANCE	E: N/A

	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD	
	(101) PARALLEL BRIDGE: NO PARALLEL BRIDGE	
	(102) TRAFFIC DIR: ONE LANE BRIDGE FOR 2-WAY TRAFFIC	
•	(103) TEMPORARY BRIDGE: NOT APPLICABLE	
	(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK	
	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED	
	———— CONDITION RATINGS	
	(58) DECK: 5	
	(59) SUPERSTRUCTURE: 5	
	(60) SUBSTRUCTURE: 5	
	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 6	
	(62) CULVERT CONDITION (IF APPLICABLE): N	
	DESIGN LOAD AND WEIGHT POSTING	
	(31) DESIGN LOADING: OTHER OR UNKNOWN	
	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS	
	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS	
	(70) BRIDGE POSTING CODE: 5	
	(41) WT POSTING STATUS: <b>OPEN</b>	
	APPRAISAL —	
	(67) STRUCTURAL EVALUATION: 5	
	(68) DECK GEOMETRY: 2	
	(69) UNDERCLEARANCE RATING: N	
	(71) WATERWAY ADEQUACY: 7	
	(72) APPROACH ROADWAY ALIGNMENT: 8	
	(36) TRAFFIC SAFETY FEATURES: <b>ONNN</b>	
	(113) SCOUR CONDITION RATING: 8	
	RECOMMENDED IMPROVEMENTS	
	(75) TYPE OF WORK: BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT	
	(76) LENGTH OF BRIDGE IMPROVEMENT: 28.9 FT	

(94) BRIDGE IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(95) ROADWAY IMPROVEMENT 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:

INSPECTION DATES

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

(40) NAVIGATION HORZ CLEARANCE:

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:

(51) BRIDGE CURB TO CURB WIDTH:

(52) BRIDGE OUT TO OUT WIDTH:



YES

Ν

Ν

Ν

7

6

5

N

6

8

8

N/A

4/13/2018

24

N/A

N/A

Ν

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NNNN

HS-20-44

BRIDGE ID NUMBER: 470D9170003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D917 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: PICKENS GAP RD. COUNTY SEQUENCE: 1 CROSSING: STOCK CREEK LOG MILE: 0.67 LOCATION: PICKENS GAP RD-W OF US441 SUFFICIENCY RATING: 98.4 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: N 35.88415 DEGREES (17a,b) LONGITUDE: 83.83837 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: 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: 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: UNKNOWN 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: 1970 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: 11.5 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 25.9 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: 32.2 FT RECOMMENDED IMPROVEMENTS 36.1 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 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: 32.2 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:



**YES** 

7

7 7

7

N

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

BRIDGE ID NUMBER: 470D9350001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D935 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: W. MARINE DR. COUNTY SEQUENCE: 1 CROSSING: STOCK CREEK LOG MILE: 0.04 LOCATION: SW OF SR168-US441 JCT SUFFICIENCY RATING: 75.4 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: 35.89373 DEGREES N (17a,b) LONGITUDE: 83.84907 DEGREES (104) NATIONAL HIGHWAY SYSTEM: (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: 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** 

(45) NUMBER OF MAIN SPANS:	1	——— CONDITION F	RATINGS —
(46) NUMBER OF APPROACH SI	PANS: 0	(58) DECK:	
(107) TYPE OF DECK:	CONCRETE PRECAST PANELS	(59) SUPERSTRUCTURE:	
(108) TYPE OF WEARING SURF	ACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:	
A) TYPE OF SURFACE:	ASPHALT	(61) STREAM CHANNEL AND CHAN	NEL PROTECTION:
B) TYPE MEMBRANE:	NONE	(62) CULVERT CONDITION (IF APPL	.ICABLE):
C) TYPE PROTECTION:	NONE	DESIGN LOAD AND W	/EIGHT POSTING -
		(0.4) DEGIONII OADINIO	071150 00 1111

SERVICE ————	AGE AND	
LT: <b>1965</b>	(27) YEAR THE BRIDGE WAS BUI	
ABILITATED: N/A	(106) YEAR THE BRIDGE WAS REH	
HIGHWAY	(42a) SERVICE ON BRIDGE:	
WATERWAY	(42b) UNDER BRIDGE:	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2		
THE BRIDGE: 0	(28b) NUMBER OF LANES UNDER	
GEOMETRIC DATA		
	(40) MANUALINA ODANI I ENIOTII	

(48) MAXIMUM SPAN LENGTH:	24.3	FT
(49) TOTAL BRIDGE LENGTH:	26.9	FT
(50a) LEFT SIDEWALK WIDTH:	0.0	FT
(50b) RIGHT SIDEWALK WIDTH:	0.0	FT
(51) BRIDGE CURB TO CURB WIDTH:	20.3	FT
(52) BRIDGE OUT TO OUT WIDTH:	21.3	FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	16.1	FT

(33) BRIDGE MEDIAN:	NO MEDIAN
(34) BRIDGE SKEW:	29 DEGREES
(35) BRIDGE FLARE:	NO FLARE
(520) MIN VERTICAL CLEARANCE OVER RD:	NO RESTRICTION
(47) MIN HORIZONTAL CLEARANCE ON ROAD	WAY: <b>20.3 FT</b>
(54a) VERT UNDERCLR: NOT A HIGH	WAY OR RAILROAD
(54b) MIN VERTICAL UNDERCLEARANCE:	NOT APPLICABLE
(55a) HORZ UNDERCLR: NOT A HIGH	WAY OR RAILROAD
(55b) MIN HORZ UNDERCLR ON RIGHT:	NOT APPLICABLE
(56) MIN HORZ UNDERCLR ON LEFT:	NOT APPLICABLE

NAVIGATION DATA		
(38)	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):	
--	--

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

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

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK:	<b>BRIDGE WIDENING (NO DECK REPAIRS</b>
	NEEDED)

	.,,	
(76)	LENGTH OF BRIDGE IMPROVEMENT:	26.9 FT
(94)	BRIDGE IMPROVEMENT COST:	\$75,000.00
(95)	ROADWAY IMPROVEMENT COST:	\$8,000.00
(96)	TOTAL PROJECT COST:	\$113,000.00
(97)	YEAR OF IMPROVEMENT COST ESTIMATE:	2018
	INSPECTION DATES	

(90) DATE OF LAST REGULAR INSPECTION:	4/18/2018
(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



YES

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Ν

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N

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N/A

4/17/2018

24

N/A

N/A

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BRIDGE ID NUMBER: 470D9590001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D959 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: NEUBERT SPRINGS RD. COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 1.57 LOCATION: NEUBERT SPRINGS RD SUFFICIENCY RATING: 88.4 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.87942 DEGREES (17a,b) LONGITUDE: w 83.87443 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: 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: **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: OTHER OR UNKNOWN AGE AND SERVICE 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 (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: 11.5 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 25.9 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: 25.9 FT RECOMMENDED IMPROVEMENTS 28.2 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 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: 25.9 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:

# NATIONAL BRIDGE INVENTORY



TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D9590003 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D959 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: NEUBERT SPRINGS RD. COUNTY SEQUENCE: 1 CROSSING: STOCK CREEK LOG MILE: 2.00 LOCATION: NEUBERT SPRGS RD-S OF 168 SUFFICIENCY RATING: 94.0 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.88510 DEGREES (17a,b) LONGITUDE: 83.87410 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: 3 (46) NUMBER OF APPROACH SPANS: n 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: 1984 (106) YEAR THE BRIDGE WAS REHABILITATED: N/A **HIGHWAY** (42a) SERVICE ON BRIDGE: WATERWAY (42b) UNDER BRIDGE: (28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0 GEOMETRIC DATA

10.2 FT

44.9 FT

0.0 FT

0.0 FT

24.9 FT

28.2 FT

24.0 FT

**NO MEDIAN** 

0 DEGREES

NO RESTRICTION

NOT APPLICABLE

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

**NOT A HIGHWAY OR RAILROAD** 

**NO NAVIGATION CONTROL** 

NO FLARE

24.9 FT

N/A

N/A

N/A

(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):

(90) DATE OF LAST REGULAR INSPECTION:

INSPECTION DATES

YES **NOT A NHS ROUTE LOCAL RURAL ROAD NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** NOT ON TRUCK NETWORK HISTORICAL SIGNIFICANCE HAS **NOT BEEN DETERMINED CONDITION RATINGS** 

(58) DECK:	N
(59) SUPERSTRUCTURE:	N
(60) SUBSTRUCTURE:	N
(61) STREAM CHANNEL AND CHANNEL PRO	TECTION: 7
(62) CULVERT CONDITION (IF APPLICABLE):	6
<b>DESIGN LOAD AND WEIGHT</b>	POSTING —
(31) DESIGN LOADING:	HS-20-44
WEIGHT POSTING (2 AXLE VEHICLES):	ALL LEGAL LOADS
WEIGHT POSTING (3 OR MORE AXLES):	ALL LEGAL LOADS
(70) BRIDGE POSTING CODE:	5
(41) WT POSTING STATUS: OPEN	
APPRAISAL	
(67) STRUCTURAL EVALUATION:	6
(68) DECK GEOMETRY:	5
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	6
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	1000
(113) SCOUR CONDITION RATING:	8
RECOMMENDED 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:	

(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

4/17/2018

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N/A

N/A

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(48) MAXIMUM SPAN LENGTH:

(49) TOTAL BRIDGE LENGTH:

(50a) LEFT SIDEWALK WIDTH:

(50b) RIGHT SIDEWALK WIDTH:

(33) BRIDGE MEDIAN:

(34) BRIDGE SKEW:

(35) BRIDGE FLARE:

(54a) VERT UNDERCLR:

(55a) HORZ UNDERCLR:

(38) NAV CONTROL:

(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:

(56) MIN HORZ UNDERCLR ON LEFT:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:

(39) NAVIGATION VERTICAL CLEARANCE:

(47) MIN HORIZONTAL CLEARANCE ON ROADWAY:

NAVIGATION DATA

(52) BRIDGE OUT TO OUT WIDTH:



BRIDGE ID NUMBER: 470D9610001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: HAWS RD. CROSSING: STOCK CREEK

COUNTY: KNOX ROUTE: 0D961 SPECIAL CASE: 0

COUNTY SEQUENCE: 1 LOG MILE: 0.11

LOCATION: HAWS RDSW OF SR168&441 SUFFICIENCY RATING: 73.	
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IDENTIFICATION — CLASSIFICATION — CLASSIFICATION —	VEO
(16a,b) LATITUDE: N 35.88895 DEGREES (112) MEETS NBIS BRIDGE LENGTH: (17a,b) LONGITUDE: W 83.86517 DEGREES (104) NATIONAL HIGHWAY SYSTEM:	YES NOT A NHS ROUTE
	OCAL RURAL ROAD
	PARALLEL BRIDGE
(99) BORDER BRIDGE NUMBER: NOT APPLICABLE (102) TRAFFIC DIR:	2-WAY TRAFFIC
(102) TEMPORARY PRINCE:	NOT APPLICABLE
BRIDGE I YPE AND MATERIAL ———— \ /	TRUCK NETWORK
(43a) MAIN SPAN MATERIAL: CONCRETE (37) HISTORICAL CLASS: HISTORICAL SIGN	
(44a) APPR SPAN MATERIAL: NOT APPLICABLE  NOT BEEN DETER	
(45) NUMBER OF MAIN SPANS:	
(45) NUMBER OF MAIN SPANS:  (46) NUMBER OF APPROACH SPANS:  (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:  ASPHALT  (61) STREAM CHANNEL AND CHANNEL PROTEING.	CTION: 7
B) TYPE MEMBRANE:  NONE  (62) CULVERT CONDITION (IF APPLICABLE):	N
C) TYPE PROTECTION:  NONE  DESIGN LOAD AND WEIGHT PO	OSTING ——
(24) DECICAL CADING.	HER OR UNKNOWN
WEIGHT POSTING (2 AXI E VEHICLES):	ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1966 WEIGHT POSTING (3 OR MORE AXI ES)	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 —	
(20d) NUMBER OF LANES CARRIED BY BRIDGE.	6
(60) DECK CEOMETRY	2
GEOMETRIC DATA (69) UNDERCLEARANCE RATING:	- N
(48) MAXIMUM SPAN LENGTH: 45.9 FT (71) WATERWAY ADEQUACY:	7
(49) TOTAL BRIDGE LENGTH: 47.9 FT (72) APPROACH ROADWAY ALIGNMENT	8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT (36) TRAFFIC SAFETY FFATURES	1N11
(506) RIGHT SIDEWALK WIDTH: 0.0 FT (113) SCOUR CONDITION RATING:	8
(61) BRIDGE CURB TO CURB WIDTH: 16.4 FT RECOMMENDED IMPROVEN	ENTS —
(52) BRIDGE OUT TO OUT WIDTH. 18.4 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 15.1 FT (75) TYPE OF WORK: BRIDGE WIDENING (N NEEDED)	O DEOR KEFAIKS
(33) BRIDGE MEDIAN: NO MEDIAN (76) LENGTH OF BRIDGE IMPROVEMENT:	47.9 FT
(34) BRIDGE SKEW: 0 DEGREES (94) BRIDGE IMPROVEMENT COST:	\$150,000.00
(35) BRIDGE FLARE: NO FLARE (95) ROADWAY IMPROVEMENT COST:	\$16,000.00
	\$226,000.00
(OC) TOTAL DDO IFCT COCT.	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (96) TOTAL PROJECT COST:	<b>2018</b>
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (96) TOTAL PROJECT COST:	
(520) MIN VERTICAL CLEARANCE OVER RD: <b>NO RESTRICTION</b> (96) TOTAL PROJECT COST: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: <b>16.4 FT</b> (97) YEAR OF IMPROVEMENT COST ESTIMATION.	
(520) MIN VERTICAL CLEARANCE OVER RD: <b>NO RESTRICTION</b> (96) TOTAL PROJECT COST: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: <b>16.4 FT</b> (54a) VERT UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b> (97) YEAR OF IMPROVEMENT COST ESTIMATION (18.4 FT) (18.	4/18/2018
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.4 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATION INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION:	<b>4/18/2018</b> THS): <b>24</b>
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.4 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT A PPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATION INSPECTION DATES (90) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MON	<b>4/18/2018</b> THS): <b>24</b> '(R): <b>N/A</b>
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.4 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT A PPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (96) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATION (99) DATE OF LAST REGULAR INSPECTION: (91) REGULAR INSPECTION FREQUENCY (MONO) (95b) DATE OF LAST UNDERWATER INSP (MONO)	<b>4/18/2018</b> THS): <b>24</b> '(R): <b>N/A</b>
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.4 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE (97) YEAR OF IMPROVEMENT COST ESTIMATION (98) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATION (97) YEAR OF IMPROVEMENT COST ESTIMATION (98) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATION (98) TOTAL PROJECT COST: (97) YEAR OF IMPROVEMENT COST ESTIMATION (99) DATE OF LAST REGULAR INSPECTION FREQUENCY (MONT) (91) REGULAR INSPECTION FREQUENCY (MONT) (92b) UNDERWATER INSP FREQUENCY (MONT)	7HS): 4/18/2018 THS): 24 (R): N/A

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

7

7

7

7

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6

4

N

7

8

8

0N00

27.2 FT

\$76,000.00

\$115,000.00

4/13/2018

\$8,000.00

2018

24

N/A

N/A

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**NOT A NHS ROUTE** 

2-WAY TRAFFIC

**NOT APPLICABLE** 

**LOCAL RURAL ROAD** 

**NO PARALLEL BRIDGE** 

OTHER OR UNKNOWN

ALL LEGAL LOADS

ALL LEGAL LOADS

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D9650001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0D965 SPECIAL CASE: 0 FIPS CODE: 00000 ROAD NAME: MCCAMMON RD. COUNTY SEQUENCE: 1 CROSSING: STOCK CREEK LOG MILE: 1.84 LOCATION: MC CAMMON RD-W OF 441&CO. SUFFICIENCY RATING: 74.8 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.88532 DEGREES (17a,b) LONGITUDE: 83.84143 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: 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: 1 (58) DECK: (46) NUMBER OF APPROACH SPANS: n (59) SUPERSTRUCTURE: **CONCRETE PRECAST PANELS** (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 NONE C) TYPE PROTECTION: (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: 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: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT:

(28b) NUMBER OF LANES UNDER THE BRIDGE:	0
GEOMETRIC DATA	
(48) MAXIMUM SPAN LENGTH:	25.9 FT
(49) TOTAL BRIDGE LENGTH:	27.2 FT
(50a) LEFT SIDEWALK WIDTH:	0.0 FT
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT
(51) BRIDGE CURB TO CURB WIDTH:	20.3 FT
(52) BRIDGE OUT TO OUT WIDTH:	21.3 FT
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	18.0 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** (34) BRIDGE SKEW: 0 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.3 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

**NAVIGATION DATA** 

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

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

(36) TRAFFIC SAFETY FEATURES:

(113) SCOUR CONDITION RATING:

(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:

(75) TYPE OF WORK:

RECOMMENDED IMPROVEMENTS

NEEDED)

INSPECTION DATES

**BRIDGE WIDENING (NO DECK REPAIRS** 



BRIDGE ID NUMBER: 470D9820001
BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: HALL RD.

CROSSING: STOCK CREEK

LOCATION: S OF 168 NEAR CO. LINE

COUNTY: KNOX
ROUTE: 0D982

LOG MILE: 0.87

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 62.3

	SUFFICIENCY RATING. 62.3
IDENTIFICATION ————————————————————————————————————	CLASSIFICATION —
(16a,b) LATITUDE: N 35.86940 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.92163 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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:	CONDITION RATINGS
(46) NUMBER OF APPROACH SPANS: 0	(58) DECK: 6
(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: 6
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: OTHER OR UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT: 1918	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS BUILT.  (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: 2	APPRAISAL —
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 5
GEOMETRIC DATA	(68) DECK GEOMETRY: 2
(48) MAXIMUM SPAN LENGTH: 52.2 FT	(69) UNDERCLEARANCE RATING: N
(49) TOTAL BRIDGE LENGTH: 52.2 11	(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>ONNN</b>
(51) BRIDGE CURB TO CURB WIDTH: 16.1 FT	(113) SCOUR CONDITION RATING: 8
(52) BRIDGE OUT TO OUT WIDTH: 18.4 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 15.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 54.1 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$168,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$17,000.00
	(96) TOTAL PROJECT COST: \$253,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.1 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018
1 1	(97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018  INSPECTION DATES
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.1 FT	
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.1 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	INSPECTION DATES
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.1 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(90) DATE OF LAST REGULAR INSPECTION: 4/17/2018
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.1 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(90) DATE OF LAST REGULAR INSPECTION: 4/17/2018 (91) REGULAR INSPECTION FREQUENCY (MONTHS): 24
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.1 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE	(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

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7

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7

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7

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N

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N/A

6/8/2018

07/2017

24

Y60

N/A

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0NNN

BRIDGE ID NUMBER: 470E0710001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0E071 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: ANDERSONVILLE PK. COUNTY SEQUENCE: 1 CROSSING: BULL RUN CREEK LOG MILE: 1.03 LOCATION: NE OF US441-ANDERSONVL PK SUFFICIENCY RATING: 83.6 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.13302 DEGREES (17a,b) LONGITUDE: 83.97993 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: 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: 2 (58) DECK: (46) NUMBER OF APPROACH SPANS: 0 (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: NONE (31) DESIGN LOADING: OTHER OR UNKNOWN AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS** (27) YEAR THE BRIDGE WAS BUILT: 1965 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: 70.9 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 141.4 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: 20 FT RECOMMENDED IMPROVEMENTS 21.7 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 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: 20.0 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 (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NO NAVIGATION CONTROL** 

PUBLIC RECORDS REQUEST (40) NAVIGATION HORZ CLEARANCE: N/A This document is covered by 23 USC §409 **PUBLICATION DATE** 19-Mar-20

N/A

N/A

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

and its production pursuant to a public document records request does not waive the provisions of §409

PRODUCED PURSUANT TO



COUNTY: KNOX

BRIDGE ID NUMBER: 470E0710003 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: BULL RUN DR. CROSSING: BRANCH

ROUTE: 0E071 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 3.45

LOCATION: BULL RUN DRW OF SR33	SUFFICIENCY RATING: 76.2
IDENTIFICATION —	
(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 CONTINUOUS (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: (103) TEMPORARY BRIDGE: (110) NATIONAL TRUCK ROUTE: (110) NATIONAL TRUCK ROUTE: (110) NISTORICAL CLASS: (111) NOT ON TRUCK NETWORK (112) HISTORICAL CLASS: (113) HISTORICAL SIGNIFICANCE HAS (114) NOT BEEN DETERMINED
(45) NUMBER OF MAIN SPANS: 2	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: NONE	(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
AGE AND SERVICE	(31) DESIGN LOADING: OTHER OR UNKNOWN
(27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: WATERWAY	WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS  (70) BRIDGE POSTING CODE:  (41) WT POSTING STATUS: OPEN
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH:       10.2 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:       20 FT	(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: NNNN (113) SCOUR CONDITION RATING: 8  RECOMMENDED IMPROVEMENTS
(52) BRIDGE OUT TO OUT WIDTH: 23 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 12.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS
(32) ALT NOADITIONDWAT (W/ CITEDO) WIDTH:	NEEDED)
(33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	NEEDED)           (76)         LENGTH OF BRIDGE IMPROVEMENT:         23 FT           (94)         BRIDGE IMPROVEMENT COST:         \$57,000.00           (95)         ROADWAY IMPROVEMENT COST:         \$6,000.00           (96)         TOTAL PROJECT COST:         \$86,000.00           (97)         YEAR OF IMPROVEMENT COST ESTIMATE:         2018           INSPECTION DATES
(33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO FLARE (57) MIN HORIZONTAL CLEARANCE ON ROADWAY: 20.0 FT	(76)       LENGTH OF BRIDGE IMPROVEMENT:       23 FT         (94)       BRIDGE IMPROVEMENT COST:       \$57,000.00         (95)       ROADWAY IMPROVEMENT COST:       \$6,000.00         (96)       TOTAL PROJECT COST:       \$86,000.00         (97)       YEAR OF IMPROVEMENT COST ESTIMATE:       2018
(33) BRIDGE MEDIAN: (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	(76)       LENGTH OF BRIDGE IMPROVEMENT:       23 FT         (94)       BRIDGE IMPROVEMENT COST:       \$57,000.00         (95)       ROADWAY IMPROVEMENT COST:       \$6,000.00         (96)       TOTAL PROJECT COST:       \$86,000.00         (97)       YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES
(33) BRIDGE MEDIAN:  (34) BRIDGE SKEW:  (35) BRIDGE FLARE:  (520) MIN VERTICAL CLEARANCE OVER RD:  (540) WIN HORIZONTAL CLEARANCE ON ROADWAY:  (54a) VERT UNDERCLR:  NOT A HIGHWAY OR RAILROAD  (54b) MIN VERTICAL UNDERCLEARANCE:  NOT A HIGHWAY OR RAILROAD  (55a) HORZ UNDERCLR:  NOT A HIGHWAY OR RAILROAD  (55b) MIN HORZ UNDERCLR ON RIGHT:  NOT APPLICABLE  (56) MIN HORZ UNDERCLR ON LEFT:  NOT APPLICABLE	(76) LENGTH OF BRIDGE IMPROVEMENT:       23 FT         (94) BRIDGE IMPROVEMENT COST:       \$57,000.00         (95) ROADWAY IMPROVEMENT COST:       \$6,000.00         (96) TOTAL PROJECT COST:       \$86,000.00         (97) YEAR OF IMPROVEMENT COST ESTIMATE:       2018         INSPECTION DATES         (90) DATE OF LAST REGULAR INSPECTION:       6/7/2018         (91) REGULAR INSPECTION FREQUENCY (MONTHS):       24         (93b) DATE OF LAST UNDERWATER INSP (MO/YR):       N/A         (92b) UNDERWATER INSP FREQUENCY (MONTHS):       N

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

(116) LIFT BRIDGE VERT CLEARANCE:



COUNTY: KNOX

ROUTE: 0E072

BRIDGE ID NUMBER: 470E0720001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: HILL RD.

CROSSING: BULL RUN CREEK

LOCATION: HILL RD-NEAR CO LINE

### COUNTY SEQUENCE: 1 LOG MILE: 0.54 SUFFICIENCY RATING: 86.0

SPECIAL CASE: 0

#### IDENTIFICATION CLASSIFICATION =

NONE

0

(16a,b) LATITUDE:	N	36.15452	DEGREES	
(17a,b) LONGITUDE:	W	83.95435	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

**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:

#### AGE AND SERVICE

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

(28b) NUMBER OF LANES UNDER THE BRIDGE:

#### GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: 45.6 FT (49) TOTAL BRIDGE LENGTH: 136.5 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 22 FT (52) BRIDGE OUT TO OUT WIDTH: 24 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 18.0 FT

(33) BRIDGE MEDIAN: **NO MEDIAN** 

(34) BRIDGE SKEW: 0 DEGREES

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

(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.0 FT

**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 N/A

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

**PUBLICATION DATE** 

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

(26) FUNCTIONAL CLASS:

**LOCAL RURAL ROAD** 

(101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** 

(102) TRAFFIC DIR: 2-WAY TRAFFIC

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

(110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS

NOT BEEN DETERMINED

### CONDITION RATINGS

(58) DECK:	7
(59) SUPERSTRUCTURE:	8
(60) SUBSTRUCTURE:	7
(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 —————	
7) STRUCTURAL EVALUATION:	7
8) DECK GEOMETRY:	4
9) UNDERCLEARANCE RATING:	N
1) WATERWAY ADEQUACY:	7
2) APPROACH ROADWAY ALIGNMENT:	8
6) TRAFFIC SAFETY FEATURES: 10	00
13) SCOUR CONDITION RATING:	8

#### RECOMMENDED IMPROVEMENTS

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

(76) LENGTH OF BRIDGE IMPROVEMENT: N/A

(94) BRIDGE IMPROVEMENT COST:

(95) ROADWAY IMPROVEMENT COST:

(96) TOTAL PROJECT COST:

(97) YEAR OF IMPROVEMENT COST ESTIMATE:

#### INSPECTION DATES

6/7/2018	(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):



COUNTY: KNOX

ROUTE: 0E073

BRIDGE ID NUMBER: 470E0730001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: HALLS GAP RD. COUNTY SEQUENCE: 1 CROSSING: BULL RUN CREEK LOG MILE: 0.00 LOCATION: HALLS GAP RD-NEAR CO. LI. SUFFICIENCY RATING: 93.9

IDENTIFICATION —	CLASSIFICATION —
(16a,b) LATITUDE: N 36.16442 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 83.94368 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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 (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:  (46) NUMBER OF APPROACH SPANS:  0	(58) DECK: 8
(10)	(59) SUPERSTRUCTURE:
(107) TYPE OF DECK: CONCRETE PRECAST PANELS (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE: 7
, ,	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7
A) TYPE OF SURFACE: MONOLITHIC CONCRETE B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE):
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: 1994	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	(67) STRUCTURAL EVALUATION: 7
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(68) DECK GEOMETRY: 5
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:
(48) MAXIMUM SPAN LENGTH: 41.0 FT	(71) WATERWAY ADEQUACY: 7
(49) TOTAL BRIDGE LENGTH: 122.0 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 1000
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: 8
(51) BRIDGE CURB TO CURB WIDTH: 22 FT	RECOMMENDED IMPROVEMENTS —
(52) BRIDGE OUT TO OUT WIDTH: 24.3 FT	(75) TYPE OF WORK: NOT APPLICABLE
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 20.0 FT	(76) LENGTH OF BRIDGE IMPROVEMENT: N/A
(33) BRIDGE MEDIAN: NO MEDIAN	(94) BRIDGE IMPROVEMENT COST:
(34) BRIDGE SKEW: 0 DEGREES	(95) ROADWAY IMPROVEMENT COST:
(35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST:
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 22.0 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: 6/7/2018
(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):
(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

**PUBLICATION DATE** 19-Mar-20

(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



BRIDGE ID NUMBER: 470E0960001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: GRAY RD. CROSSING: MILL BRANCH

LOCATION: GRAY RD-NW OF SR33-SR131

COUNTY: KNOX ROUTE: 0E096 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.04

# SUFFICIENCY RATING: 100.0

 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: Ν 36.11597 DEGREES (17a,b) LONGITUDE: 83.91367 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** (102) TRAFFIC DIR: (103) TEMPORARY BRIDGE: BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: (43a) MAIN SPAN MATERIAL: CONCRETE CONTINUOUS

2

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT APPLICABLE** 

**NOT A HIGHWAY OR RAILROAD** 

(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: **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: 1970 (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: 10.2 FT (49) TOTAL BRIDGE LENGTH: 22.0 FT (50a) LEFT SIDEWALK WIDTH: 0.0 FT (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL UNDER FILL** (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 19.0 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: 19.0 FT **NOT A HIGHWAY OR RAILROAD** (54a) VERT UNDERCLR:

(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 N/A

(40) NAVIGATION HORZ CLEARANCE:

(112) MEETS NBIS BRIDGE LENGTH: YES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE LOCAL RURAL ROAD NO PARALLEL BRIDGE** 2-WAY TRAFFIC **NOT APPLICABLE** 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: 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: 6/8/2018 (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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(55a) HORZ UNDERCLR:



COUNTY: KNOX

ROUTE: 0E106

LOG MILE: 0.94

BRIDGE ID NUMBER: 470E1060001 BRIDGE OWNER: KNOX COUNTY FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: CROSSLANE RD. COUNTY SEQUENCE: 1 CROSSING: MEADOW CREEK

LOCATION: BTWN-SR162-SR62&SR131 SUFFICIENCY RATING: 60.3

LOCATION: BTWN-SR162-SR62&SR131	SUFFICIENCY RATING: 60.3
IDENTIFICATION	CLASSIFICATION —
(16a,b) LATITUDE: N 35.96413 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.12887 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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</b> (44a) APPR SPAN MATERIAL: <b>NOT APPLICABLE</b>	(37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED
(AE) NILIMPED OF MAIN CDANC.	CONDITION RATINGS
(45) NUMBER OF MAIN SPANS:  1 (46) NUMBER OF APPROACH SPANS:  0	(58) DECK: <b>6</b>
(46) NUMBER OF APPROACH SPANS: 0 (107) TYPE OF DECK: CONCRETE PRECAST PANELS	(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: 7
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	DESIGN LOAD AND WEIGHT POSTING
'	(31) DESIGN LOADING: OTHER OR UNKNOWN
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1940	WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS
(106) YEAR THE BRIDGE WAS REHABILITATED: 1965	(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	(67) STRUCTURAL EVALUATION: 5
(28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(68) DECK GEOMETRY:
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:
(48) MAXIMUM SPAN LENGTH: 24.9 FT	(71) WATERWAY ADEQUACY: 6
(49) TOTAL BRIDGE LENGTH: 27.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: 0N00
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT	(113) SCOUR CONDITION RATING: 8
(51) BRIDGE CURB TO CURB WIDTH: 18.4 FT	RECOMMENDED IMPROVEMENTS ———
(52) BRIDGE OUT TO OUT WIDTH: 20.3 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 FT	NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 27.9 FT
(34) BRIDGE SKEW: 0 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$117,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$12,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$176,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 18.4 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: 5/14/2018
(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
NAVIGATION DATA	
(38) NAV CONTROL: NO NAVIGATION CONTROL	(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:



YES

Ν

Ν

Ν

7

7

6

6

N

7

8

8

N/A

5/14/2018

24

N/A

N/A

Ν

Ν

0N00

HS-20-44

2-WAY TRAFFIC

BRIDGE ID NUMBER: 470E2160001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: WEAVER RD. CROSSING: GRASSY CREEK

LOCATION: N OFF SR62-S OF CENTRAL P

COUNTY: KNOX ROUTE: 0E216 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.03

SUFFICIENCY RATING: 92.6

#### IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.99132 DEGREES (17a,b) LONGITUDE: 84.06133 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: 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 C) TYPE PROTECTION: NONE (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1989 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: 12.5 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 40.0 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: 38.1 FT RECOMMENDED IMPROVEMENTS 40.4 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: 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: 37.7 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

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



BRIDGE ID NUMBER: 470E3840001
BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: CONNER RD.

CROSSING: BULL RUN CREEK

COUNTY: KNOX
ROUTE: 0E384
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.16

LOCATION: CONNOR RD-W OF 175	SUFFICIENCY RATING: 99.1
IDENTIFICATION	CLASSIFICATION —
(16a,b) LATITUDE: N 36.08482 DEGREES (17a,b) LONGITUDE: W 84.02273 DEGREES (98a) BORDER BRIDGE STATE CODE: N/A (98b) PERCENT SHARE: NOT APPLICABLE  BRIDGE TYPE AND MATERIAL  (43a) MAIN SPAN MATERIAL: PRESTRESSED CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE (26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(45) NUMBER OF MAIN SPANS:	CONDITION RATINGS
(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: NONE	
C) TYPE PROTECTION: EPOXY COATED REINFORCING  AGE AND SERVICE	DESIGN LOAD AND WEIGHT POSTING  (31) DESIGN LOADING:  HL-93
(27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: WATERWAY	WEIGHT POSTING (3 OR MORE AXLES):  (70) BRIDGE POSTING CODE:  (41) WT POSTING STATUS: OPEN  APPRAISAL
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	(67) STRUCTURAL EVALUATION: 7
GEOMETRIC DATA	(68) DECK GEOMETRY: 6
(48) MAXIMUM SPAN LENGTH:       110.0 FT         (49) TOTAL BRIDGE LENGTH:       110.0 FT         (50a) LEFT SIDEWALK WIDTH:       0.0 FT         (50b) RIGHT SIDEWALK WIDTH:       0.0 FT	(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: 9
(51) BRIDGE CURB TO CURB WIDTH: 29.9 FT	RECOMMENDED IMPROVEMENTS
(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:  (54) N/EST INDEPOLE	(75) TVDE OF MODIC. NOT ARRUGABLE
(54a) VERT UNDERCLR: <b>NOT A HIGHWAY OR RAILROAD</b> (54b) MIN VERTICAL UNDERCLEARANCE: <b>NOT APPLICABLE</b>	(90) DATE OF LAST REGULAR INSPECTION: 6/6/2018
(55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE NAVIGATION DATA	(91) REGULAR INSPECTION FREQUENCY (MONTHS): 24 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): N/A (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

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: 470E3850001 BRIDGE OWNER: CITY OF FARRAGUT

FIPS CODE: 25760

ROAD NAME: DIGGS GAP RD. CROSSING: WILLIAMS CREEK

LOCATION: JUST SW OF SR170-I75 JCT.

COUNTY: KNOX ROUTE: 0E385 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 2.88 SUFFICIENCY RATING: 73.2

LOCATION: JUST SW OF SR170-175 JCT.	SUFFICIENCY RATING: 73.2
IDENTIFICATION ————	
(16a,b) LATITUDE: N 36.09898 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.02165 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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</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 PRECAST PANELS	(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: 7
B) TYPE MEMBRANE: NONE	(62) CULVERT CONDITION (IF APPLICABLE): N
C) TYPE PROTECTION: NONE	—— DESIGN LOAD AND WEIGHT POSTING ———
,	(31) DESIGN LOADING: OTHER OR UNKNOWN
AGE AND SERVICE	WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS
(27) YEAR THE BRIDGE WAS BUILT: 1974	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: 6
	(68) DECK GEOMETRY: 2
GEOMETRIC DATA	(69) UNDERCLEARANCE RATING:
(48) MAXIMUM SPAN LENGTH: 23.3 FT	(71) WATERWAY ADEQUACY: 6
(49) TOTAL BRIDGE LENGTH: 25.9 FT	(72) APPROACH ROADWAY ALIGNMENT: 8
(50a) LEFT SIDEWALK WIDTH: 0.0 FT	(36) TRAFFIC SAFETY FEATURES: NNNN
(50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 16.1 FT	(113) SCOUR CONDITION RATING: U
(51) BRIDGE CURB TO CURB WIDTH: 16.1 FT (52) BRIDGE OUT TO OUT WIDTH: 21.3 FT	RECOMMENDED IMPROVEMENTS
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 FT	(75) TYPE OF WORK: BRIDGE WIDENING (NO DECK REPAIRS NEEDED)
(33) BRIDGE MEDIAN: NO MEDIAN	(76) LENGTH OF BRIDGE IMPROVEMENT: 25.9 FT
(34) BRIDGE SKEW: 46 DEGREES	(94) BRIDGE IMPROVEMENT COST: \$73,000.00
(35) BRIDGE FLARE: NO FLARE	(95) ROADWAY IMPROVEMENT COST: \$8,000.00
(520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION	(96) TOTAL PROJECT COST: \$110,000.00
(47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 16.1 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: 6/6/2018
(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
NAVIGATION DATA	(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	DDODUCED BUDGHANT TO
	PRODUCED PURSUANT TO

N/A

N/A

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PRODUCED PURSUANT TO

(116) LIFT BRIDGE VERT CLEARANCE:



YES

**NOT A NHS ROUTE** 

2-WAY TRAFFIC

6/5/2018

24

N/A

N/A

Ν

Ν

**NOT APPLICABLE** 

**LOCAL RURAL ROAD** 

**NO PARALLEL BRIDGE** 

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT BRIDGE ID NUMBER: 470D3860001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0E386 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: BULLRUN VALLEY DR. COUNTY SEQUENCE: 1 CROSSING: CHILDRESS BRANCH LOG MILE: 2.21 LOCATION: S OF HEISKELL SUFFICIENCY RATING: 73.3 IDENTIFICATION CLASSIFICATION -(16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 36.07330 DEGREES (17a,b) LONGITUDE: w 84.04865 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: 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: 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: MONOLITHIC CONCRETE A) TYPE OF SURFACE: B) TYPE MEMBRANE: NONE NONE C) TYPE PROTECTION: (31) DESIGN LOADING: AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): (27) YEAR THE BRIDGE WAS BUILT: 1964 (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

19.0 FT

(48) MAXIMUM SPAN LENGTH: 35.1 FT (49) TOTAL BRIDGE LENGTH: 37.1 FT 0.0 FT (50a) LEFT SIDEWALK WIDTH: (50b) RIGHT SIDEWALK WIDTH: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 19.4 FT 21.3 FT (52) BRIDGE OUT TO OUT 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: 19.4 FT (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE** (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD** (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE** (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE** 

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

**NAVIGATION DATA** 

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

6 6 6 (61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): Ν DESIGN LOAD AND WEIGHT POSTING OTHER OR UNKNOWN ALL LEGAL LOADS WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS 6 3 (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 **BRIDGE WIDENING (NO DECK REPAIRS** (75) TYPE OF WORK: NEEDED) (76) LENGTH OF BRIDGE IMPROVEMENT: 37.1 FT (94) BRIDGE IMPROVEMENT COST: \$98,000.00 (95) ROADWAY IMPROVEMENT COST: \$10,000.00 (96) TOTAL PROJECT COST: \$148,000.00 (97) YEAR OF IMPROVEMENT COST ESTIMATE: 2018 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):



BRIDGE ID NUMBER: 470E3880001
BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: BULLRUN VALLEY DR. CROSSING: WILCOX BRANCH

LOCATION: BULLRUN VALLEY DR-W 175

COUNTY: KNOX
ROUTE: 0E388
SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: 1.96 SUFFICIENCY RATING: 97.9

IDENTIFICATION ————	CLASSIFICATION
IDENTIFICATION	OLASSII IOA IION
(16a,b) LATITUDE: N 36.09600 DEGREES	(112) MEETS NBIS BRIDGE LENGTH: YES
(17a,b) LONGITUDE: W 84.01837 DEGREES	(104) NATIONAL HIGHWAY SYSTEM: NOT A NHS ROUTE
(98a) BORDER BRIDGE STATE CODE: N/A	(26) FUNCTIONAL CLASS: LOCAL RURAL ROAD
(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:
(107) TYPE OF DECK: CONCRETE CAST-IN-PLACE	(59) SUPERSTRUCTURE:
(108) TYPE OF WEARING SURFACE AND DECK PROTECTION:	(60) SUBSTRUCTURE:
A) TYPE OF SURFACE: ASPHALT	(61) STREAM CHANNEL AND CHANNEL PROTECTION: 7 (62) CULVERT CONDITION (IF APPLICABLE): 6
B) TYPE MEMBRANE: NONE	(,,
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: WATERWAY	(41) WT POSTING STATUS: <b>OPEN</b>
( /	
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	APPRAISAL -
` '	(67) STRUCTURAL EVALUATION: 6
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2	(67) STRUCTURAL EVALUATION: 6 (68) DECK GEOMETRY: 7
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (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: 10.5 FT	(67) STRUCTURAL EVALUATION:6(68) DECK GEOMETRY:7(69) UNDERCLEARANCE RATING:N(71) WATERWAY ADEQUACY:7
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 10.5 FT (49) TOTAL BRIDGE LENGTH: 33.1 FT	(67) STRUCTURAL EVALUATION:6(68) DECK GEOMETRY:7(69) UNDERCLEARANCE RATING:N(71) WATERWAY ADEQUACY:7(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: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N00
(28a) NUMBER OF LANES CARRIED BY BRIDGE: (28b) NUMBER OF LANES UNDER THE BRIDGE: 0  GEOMETRIC DATA  (48) MAXIMUM SPAN LENGTH: 10.5 FT (49) TOTAL BRIDGE LENGTH: 33.1 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: 8
(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: 32.8 FT	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (69) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 0N00
(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: 32.8 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: (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: 32.8 FT (52) BRIDGE OUT TO OUT WIDTH: 34.8 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
(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: 32.8 FT (52) BRIDGE OUT TO OUT WIDTH: 34.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 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: (71) 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: 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: 32.8 FT (52) BRIDGE OUT TO OUT WIDTH: 34.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 00 MEDIAN	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (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
(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: 15 DEGREES	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (70) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (36) TRAFFIC SAFETY FEATURES: (76) LENGTH OF BRIDGE IMPROVEMENT: (76) LENGTH OF BRIDGE IMPROVEMENT: (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: 0.0 FT (51) BRIDGE CURB TO CURB WIDTH: 32.8 FT (52) BRIDGE OUT TO OUT WIDTH: 34.8 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 0.0 MEDIAN (34) BRIDGE SKEW: 15 DEGREES (35) BRIDGE FLARE: NO FLARE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (70) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (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:
(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: (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: 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 (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 32.8 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:
(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: 32.8 FT (54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (79) 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: 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: 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 (34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 32.8 FT (54a) VERT UNDERCLR: NO FLARE (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (70) 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: 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:  6/6/2018
(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: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: (33) BRIDGE MEDIAN: NO MEDIAN (34) BRIDGE SKEW: 15 DEGREES (35) BRIDGE FLARE: NO FLARE (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 32.8 FT (54a) VERT UNDERCLR: NO FLARE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD	(67) STRUCTURAL EVALUATION: (68) DECK GEOMETRY: (79) UNDERCLEARANCE RATING: (71) WATERWAY ADEQUACY: (72) APPROACH ROADWAY ALIGNMENT: (36) TRAFFIC SAFETY FEATURES: (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
(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: (54a) VERT UNDERCLR: (55a) HORZ UNDERCLR: (55b) MIN HORZ UNDERCLR ON RIGHT: (10.5 FT (10.5	(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: (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: 470E4080001 BRIDGE OWNER: KNOX COUNTY

> FIPS CODE: 00000 ROAD NAME: PEDIGO RD. CROSSING: BULL RUN CREEK

COUNTY: KNOX ROUTE: 0E408

LOG MILE: 1.20

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOCATION: PEDIGO RD-SE OF SR170-I75	SUFFICIENCY RATING: 79.2
IDENTIFICATION —	
(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE: (99) BORDER BRIDGE NUMBER:  N 36.10438 DEGREES  N/A  83.99332 DEGREES  N/A  N/A  N/A	(112) MEETS NBIS BRIDGE LENGTH: (104) NATIONAL HIGHWAY SYSTEM: (26) FUNCTIONAL CLASS: (101) PARALLEL BRIDGE: (102) TRAFFIC DIR:  YES NOT A NHS ROUTE LOCAL RURAL ROAD NO PARALLEL BRIDGE 2-WAY TRAFFIC
(43a) MAIN SPAN MATERIAL: CONCRETE (44a) APPR SPAN MATERIAL: NOT APPLICABLE	(103) TEMPORARY BRIDGE: NOT APPLICABLE (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: HISTORICAL SIGNIFICANCE HAS NOT APPLICABLE NOT APPLICABLE
(45) NUMBER OF MAIN SPANS:  (46) NUMBER OF APPROACH SPANS:  0 (107) TYPE OF DECK:  OTHER (108) TYPE OF WEARING SURFACE AND DECK PROTECTION: A) TYPE OF SURFACE:  NONE B) TYPE MEMBRANE: NONE	CONDITION RATINGS  (58) DECK: (59) SUPERSTRUCTURE: (60) SUBSTRUCTURE: (61) STREAM CHANNEL AND CHANNEL PROTECTION: (62) CULVERT CONDITION (IF APPLICABLE):  DESIGN LOAD AND WEIGHT POSTING
C) TYPE PROTECTION:  AGE AND SERVICE  (27) YEAR THE BRIDGE WAS BUILT: (106) YEAR THE BRIDGE WAS REHABILITATED: (42a) SERVICE ON BRIDGE: HIGHWAY (42b) UNDER BRIDGE: WATERWAY	(31) DESIGN LOADING: WEIGHT POSTING (2 AXLE VEHICLES): WEIGHT POSTING (3 OR MORE AXLES): ALL LEGAL LOADS (70) BRIDGE POSTING CODE: (41) WT POSTING STATUS: OPEN
(28a) NUMBER OF LANES CARRIED BY BRIDGE: 2 (28b) NUMBER OF LANES UNDER THE BRIDGE: 0	APPRAISAL  (67) STRUCTURAL EVALUATION: 6
GEOMETRIC DATA	(68) DECK GEOMETRY: 4
(48) MAXIMUM SPAN LENGTH:60.0 FT(49) TOTAL BRIDGE LENGTH:122.0 FT(50a) LEFT SIDEWALK WIDTH:0.0 FT(50b) RIGHT SIDEWALK WIDTH:0.0 FT	(69) UNDERCLEARANCE RATING: N (71) WATERWAY ADEQUACY: 7 (72) APPROACH ROADWAY ALIGNMENT: 8 (36) TRAFFIC SAFETY FEATURES: 1111 (113) SCOUR CONDITION RATING: 8
(51) BRIDGE CURB TO CURB WIDTH: (52) BRIDGE OUT TO OUT WIDTH: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 21.3 FT (33) BRIDGE MEDIAN: NO MEDIAN (24) BRIDGE SKEW:	RECOMMENDED IMPROVEMENTS  (75) TYPE OF WORK: BRIDGE REPLACEMENT  (76) LENGTH OF BRIDGE IMPROVEMENT: 152.6 FT  (94) BRIDGE IMPROVEMENT COST: \$922,000.00
(34) BRIDGE SKEW: (35) BRIDGE FLARE: (520) MIN VERTICAL CLEARANCE OVER RD: (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 21.0 FT	(95)       ROADWAY IMPROVEMENT COST:       \$93,000.00         (96)       TOTAL PROJECT COST:       \$1,384,000.00         (97)       YEAR OF IMPROVEMENT COST ESTIMATE:       2018
(54a) VERT UNDERCLR: NOT A HIGHWAY OR RAILROAD (54b) MIN VERTICAL UNDERCLEARANCE: NOT APPLICABLE (55a) HORZ UNDERCLR: NOT A HIGHWAY OR RAILROAD (55b) MIN HORZ UNDERCLR ON RIGHT: NOT APPLICABLE (56) MIN HORZ UNDERCLR ON LEFT: NOT APPLICABLE  NAVIGATION DATA  (38) NAV CONTROL: NO NAVIGATION CONTROL (39) NAVIGATION VERTICAL CLEARANCE: N/A	(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): NAA (92c) SPECIAL INSP FREQUENCY (MONTHS): N
(440) LIST PRIDGE VERT OF SARANGE	PRODUCED PURSUANT TO

N/A

N/A

**PUBLICATION DATE** 19-Mar-20

(116) LIFT BRIDGE VERT CLEARANCE:

(40) NAVIGATION HORZ CLEARANCE:



YES

5

5

5

7

N

5

4

N

7

8

8

0NNN

55.1 FT

2018

24

N/A

N/A

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\$138,000.00

\$208,000.00

\$14,000.00

6/18/2018

BRIDGE ID NUMBER: 470D8410001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0E841 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: THREE POINTS RD. COUNTY SEQUENCE: 1 CROSSING: ROSEBERRY CREEK LOG MILE: 0.63 LOCATION: W OF US11W-SUFFICIENCY RATING: 64.2 IDENTIFICATION CLASSIFICATION -(112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 36.07847 DEGREES (17a,b) LONGITUDE: w 83.77007 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: (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: (46) NUMBER OF APPROACH SPANS: 0 (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: OTHER OR UNKNOWN - AGE AND SERVICE WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 1915 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: 26.2 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 55.1 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: 20 FT RECOMMENDED IMPROVEMENTS 21.7 FT (52) BRIDGE OUT TO OUT WIDTH: **BRIDGE WIDENING WITH DECK REPAIR** (75) TYPE OF WORK: (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 16.1 FT OR REPLACEMENT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO MEDIAN** (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 12 DEGREES (95) ROADWAY IMPROVEMENT COST: (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: 20.0 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** (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:



BRIDGE ID NUMBER: 470G3810001 BRIDGE OWNER: KNOX COUNTY

FIPS CODE: 00000

ROAD NAME: TWIN BROOKS BLVD. CROSSING: BEAVER CREEK LOCATION: .6 M NE OF BEELER RD

COUNTY: KNOX ROUTE: 0G425 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 0.07

SUFFICIENCY RATING: 98.2

(16a,b) LATITUDE: (17a,b) LONGITUDE: (98a) BORDER BRIDGE STATE CODE: (98b) PERCENT SHARE:	N W	83.87390	DEGREES DEGREES N/A N/A
(99) BORDER BRIDGE NUMBER: NOT APPLIC		PPLICABLE	
BRIDGE TYPE AND MATERIAL			
(43a) MAIN SPAN MATERIAL: <b>CONCRE</b> (44a) APPR SPAN MATERIAL: <b>NOT APP</b>			S

IDENTIFICATION

(45) NUMBER OF MAIN SPANS: 2 (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: MONOLITHIC CONCRETE B) TYPE MEMBRANE: **NOT APPLICABLE EPOXY COATED REINFORCING** C) TYPE PROTECTION:

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

GEOMETRIC DATA		
(48) MAXIMUM SPAN LENGTH:	15.1 FT	
(49) TOTAL BRIDGE LENGTH:	44.9 FT	
(50a) LEFT SIDEWALK WIDTH:	0.0 FT	
(50b) RIGHT SIDEWALK WIDTH:	0.0 FT	
(51) BRIDGE CURB TO CURB WIDTH:	25.9 FT	
(52) BRIDGE OUT TO OUT WIDTH:	27.9 FT	
(32) APPROACH ROADWAY (W/ SHLDS) WIDTH:	24.9 FT	
(33) BRIDGE MEDIAN:	NO MEDIAN	

(34) BRIDGE SKEW: 30 DEGREES (35) BRIDGE FLARE: **NO FLARE** (520) MIN VERTICAL CLEARANCE OVER RD: NO RESTRICTION (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: 25.9 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 COLLECTOR** (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE** (102) TRAFFIC DIR: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE** (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER

CONDITION RATIN	GS	١
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(58) DECK:	N
(59) SUPERSTRUCTURE:	N
(60) SUBSTRUCTURE:	N
(61) STREAM CHANNEL AND CHANNEL PROTECTION:	7
(62) CULVERT CONDITION (IF APPLICABLE):	7

#### DESIGN LOAD AND WEIGHT POSTING

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

(41) WT POSTING STATUS:

0

	APPRAISAL
7	(67) STRUCTURAL EVALUATION:
5	(68) DECK GEOMETRY:
N	(69) UNDERCLEARANCE RATING:
7	(71) WATERWAY ADEQUACY:
8	(72) APPROACH ROADWAY ALIGNMENT:
0NNN	(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: 5/23/2018 (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

5

7

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BRIDGE ID NUMBER: 470A1180001 BRIDGE OWNER: CITY OF KNOXVILLE

FIPS CODE: 40000

ROAD NAME: N. SIXTH AVE. CROSSING: FIRST CREEK

LOCATION: BTWN I40-SR158 JCT & RR

COUNTY: KNOX ROUTE: 0G480

LOG MILE: 0.62

SPECIAL CASE: 0 COUNTY SEQUENCE: 1

SUFFICIENCY RATING: 78.7

#### - IDENTIFICATION CLASSIFICATION =

(16a,b) LATITUDE:	N	35.98328 DEGREES	(112) MEETS NBIS BRIDGE LENGTH:	
(17a,b) LONGITUDE:	W	83.91468 DEGREES	(104) NATIONAL HIGHWAY SYSTEM:	NOT
(98a) BORDER BRIDGE STATE CODE:		N/A	(26) FUNCTIONAL CLASS:	LOCAL
(98b) PERCENT SHARE:		N/A	(101) PARALLEL BRIDGE:	NO PARA
(99) BORDER BRIDGE NUMBER:		NOT APPLICABLE	(102) TRAFFIC DIR:	2-

### BRIDGE TYPE AND MATERIAL -

0

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

(45) NUMBER OF MAIN SPANS:	1
(46) NUMBER OF APPROACH SPANS	3: <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 NONE C) TYPE PROTECTION:

#### AGE AND SERVICE \*\* (27) YEAR THE BRIDGE WAS BUILT: 1945

(106) YEAR THE BRIDGE WAS REHABILITATED: N/A (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN** (42b) UNDER BRIDGE: **WATERWAY** 2

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

(48) MAXIMUM SPAN LENGTH:	29.9	FT
(49) TOTAL BRIDGE LENGTH:	36.1	FT
(50a) LEFT SIDEWALK WIDTH:	3.9	FT
(50b) RIGHT SIDEWALK WIDTH:	3.9	FT

(51) BRIDGE CURB TO CURB WIDTH: 38.4 FT (52) BRIDGE OUT TO OUT WIDTH: 60.4 FT (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 22.0 FT (33) BRIDGE MEDIAN: **NO MEDIAN** 

(34) BRIDGE SKEW: 0 DEGREES

(35) BRIDGE FLARE: NO FLARE **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

TANHS ROUTE L CITY STREET **ALLEL 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: 5 (59) SUPERSTRUCTURE: 6

### (62) CULVERT CONDITION (IF APPLICABLE):

DESIGN LOAD AND WEIGHT POSTING =

(61) STREAM CHANNEL AND CHANNEL PROTECTION:

OTHER OR UNKNOWN	(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:

(60) SUBSTRUCTURE:

APPRAISAL	
(67) STRUCTURAL EVALUATION:	5
(68) DECK GEOMETRY:	5
(69) UNDERCLEARANCE RATING:	N
(71) WATERWAY ADEQUACY:	7
(72) APPROACH ROADWAY ALIGNMENT:	8
(36) TRAFFIC SAFETY FEATURES:	0NNN
(113) SCOUR CONDITION RATING:	8

#### RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: BRI	IDGE REHABILITATION
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	= oo Bitibol Kelikibilin Kilon	()
36.1 FT	LENGTH OF BRIDGE IMPROVEMENT:	(76)
\$318,000.00	BRIDGE IMPROVEMENT COST:	(94)
\$32,000.00	ROADWAY IMPROVEMENT COST:	(95)
\$478,000.00	TOTAL PROJECT COST:	(96)
2018	YEAR OF IMPROVEMENT COST ESTIMATE:	(97)

#### INSPECTION DATES

0) DATE OF LAST REGULAR INSPECTION:	6/14/2018
1) REGULAR INSPECTION FREQUENCY (MONTHS):	24
3b) DATE OF LAST UNDERWATER INSP (MO/YR):	1
2b) UNDERWATER INSP FREQUENCY (MONTHS):	N
3c) DATE OF SPECIAL INSPECTION (MO/YR):	N/A
2c) SPECIAL INSP FREQUENCY (MONTHS):	N



YES

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N/A

3/16/2020

24

N/A

N/A

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NN<sub>0</sub>0

HL-93

BRIDGE ID NUMBER: 470G8090001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0G809 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: NOT AVAILABLE COUNTY SEQUENCE: 1 CROSSING: CONNER CREEK LOG MILE: 0.04 LOCATION: MISSION HILL LANE SUFFICIENCY RATING: 84.0 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: N 35.92165 DEGREES (17a,b) LONGITUDE: 84.21030 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: 2-WAY TRAFFIC (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  BRIDGE TYPE AND MATERIAL (110) NATIONAL TRUCK ROUTE: NOT ON TRUCK NETWORK (43a) MAIN SPAN MATERIAL: STEEL (37) HISTORICAL CLASS: BRIDGE IS NOT ELIGIBLE FOR THE (44a) APPR SPAN MATERIAL: NOT APPLICABLE NATIONAL REGISTER CONDITION RATINGS (45) NUMBER OF MAIN SPANS: 1 (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: **ASPHALT** A) TYPE OF SURFACE: (62) CULVERT CONDITION (IF APPLICABLE): B) TYPE MEMBRANE: UNKNOWN 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: 2017 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: 50.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 51.3 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: 36.7 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: 36.4 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: (92c) SPECIAL INSP FREQUENCY (MONTHS): **NO NAVIGATION CONTROL** 

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE:



YES

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N

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N/A

5/10/2018

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N/A

N/A

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HS-20-44

BRIDGE ID NUMBER: 470H7100001 COUNTY: KNOX BRIDGE OWNER: KNOX COUNTY ROUTE: 0H710 FIPS CODE: 00000 SPECIAL CASE: 0 ROAD NAME: ELMHURST WAY COUNTY SEQUENCE: 1 CROSSING: BRANCH LOG MILE: 0.01 LOCATION: ELMHURST WAY. SUFFICIENCY RATING: 100.0 IDENTIFICATION CLASSIFICATION (16a,b) LATITUDE: (112) MEETS NBIS BRIDGE LENGTH: Ν 35.94527 DEGREES (17a,b) LONGITUDE: 84.05635 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: 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: 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: **NOT APPLICABLE** 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: **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: 12.0 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: 30.5 FT RECOMMENDED IMPROVEMENTS 35.1 FT (52) BRIDGE OUT TO OUT WIDTH: (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 30.5 FT (76) LENGTH OF BRIDGE IMPROVEMENT: (33) BRIDGE MEDIAN: **NO 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: 30.5 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** (39) NAVIGATION VERTICAL CLEARANCE: N/A PRODUCED PURSUANT TO (116) LIFT BRIDGE VERT CLEARANCE: N/A

N/A

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YES

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N

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N/A

1/16/2020

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N/A

N/A

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BRIDGE ID NUMBER: 47056660001 COUNTY: KNOX BRIDGE OWNER: STATE OF TENNESSEE ROUTE: SR001 FIPS CODE: 40000 SPECIAL CASE: 0 ROAD NAME: S. HALL OF FAME DR. COUNTY SEQUENCE: 1 CROSSING: HOF DR. / 2 RTS - SOU RR LOG MILE: 20.90 LOCATION: CITY OF KNOXVILLE SUFFICIENCY RATING: 96.9 IDENTIFICATION CLASSIFICATION (112) MEETS NBIS BRIDGE LENGTH: (16a,b) LATITUDE: Ν 35.97022 DEGREES (17a,b) LONGITUDE: 83.91567 DEGREES (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE** (98a) BORDER BRIDGE STATE CODE: (26) FUNCTIONAL CLASS: N/A 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 (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: 10 (58) DECK: (46) NUMBER OF APPROACH SPANS: O (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: HS-20-44 +MOD AGE AND SERVICE = WEIGHT POSTING (2 AXLE VEHICLES): ALL LEGAL LOADS (27) YEAR THE BRIDGE WAS BUILT: 2006 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 HIGHWAY-RAILROAD (42b) UNDER BRIDGE: **APPRAISAL** (28a) NUMBER OF LANES CARRIED BY BRIDGE: 5 (67) STRUCTURAL EVALUATION: (28b) NUMBER OF LANES UNDER THE BRIDGE: 4 (68) DECK GEOMETRY: GEOMETRIC DATA (69) UNDERCLEARANCE RATING: (48) MAXIMUM SPAN LENGTH: 127.0 FT (71) WATERWAY ADEQUACY: (49) TOTAL BRIDGE LENGTH: 1035.8 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: 80.1 FT RECOMMENDED IMPROVEMENTS (52) BRIDGE OUT TO OUT WIDTH: 89.9 FT (75) TYPE OF WORK: **NOT APPLICABLE** (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: 80.1 FT (76) LENGTH OF BRIDGE IMPROVEMENT: **CLOSED MEDIAN - NO BARRIER** (33) BRIDGE MEDIAN: (94) BRIDGE IMPROVEMENT COST: (34) BRIDGE SKEW: 27 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 **RAILROAD BENEATH BRIDGE** (54a) VERT UNDERCLR: (54b) MIN VERTICAL UNDERCLEARANCE: 22.93 FT (90) DATE OF LAST REGULAR INSPECTION: (55a) HORZ UNDERCLR: (91) REGULAR INSPECTION FREQUENCY (MONTHS): **HIGHWAY BENEATH BRIDGE** (55b) MIN HORZ UNDERCLR ON RIGHT: 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 (92c) SPECIAL INSP FREQUENCY (MONTHS): (38) NAV CONTROL: **NOT APPLICABLE** 

N/A

N/A

N/A

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(39) NAVIGATION VERTICAL CLEARANCE:

(116) LIFT BRIDGE VERT CLEARANCE: