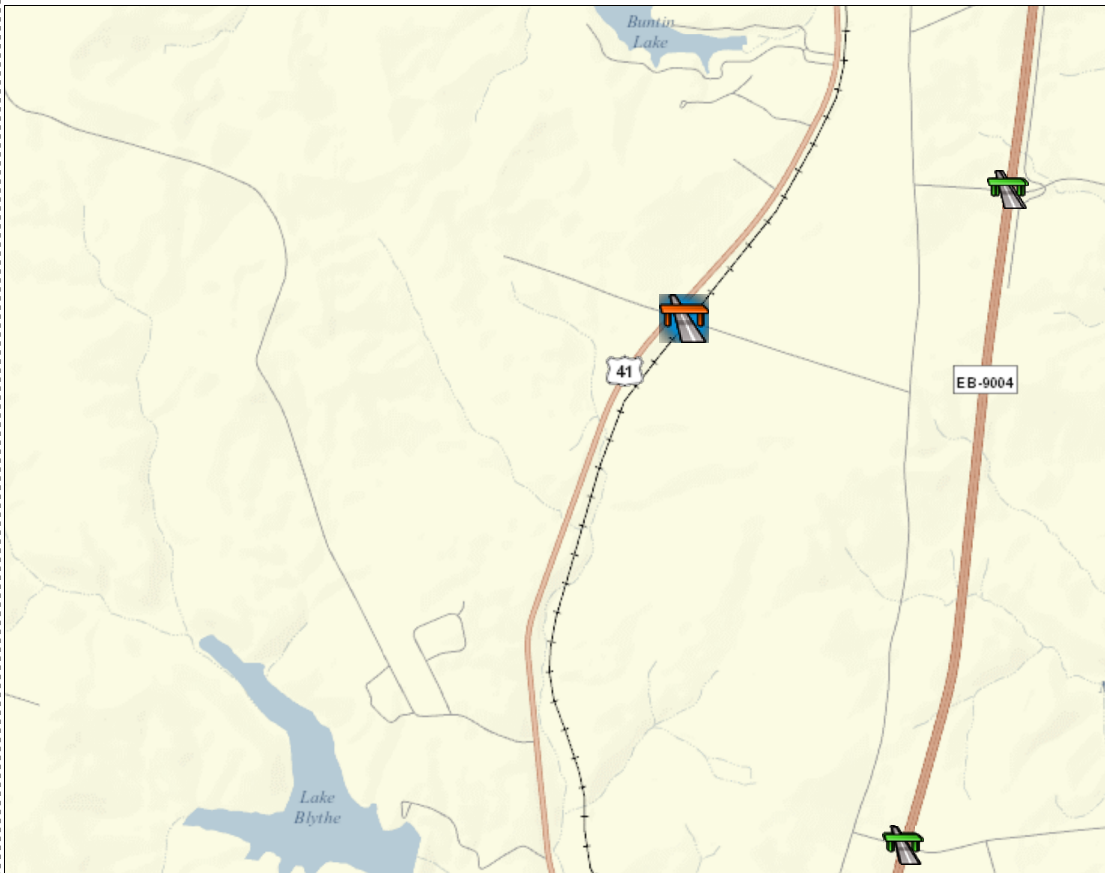


KYTC Bridge Data Miner

Select from the following zoom options or Click on the map to show bridges...

The map will show bridges around the location you clicked or show bridges at large scales.

Click on a bridge for complete details about its structure information.



Bridge ID:	024C00034N
County:	Christian
Roadway:	CR-1116
Road Name:	Sub Station Rd
MilePost:	0.039
Intersection:	Csx Railroad
Length:	80.1 feet
Deck Width:	18 feet
Roadway Width:	0 feet
Status:	STRUCTURALLY DEFICIENT
Sufficiency Rating:	34.4
Condition Ratings:	<ul style="list-style-type: none"> • Deck: 4 • Channel: N • Superstr.: 5 • Culverts: N • Substr.: 5
Appraisal Ratings:	<ul style="list-style-type: none"> • Structural Eval: 4 • Deck Geometry: 2 • Underclearance: 5 • Waterway Adeq: N • Alignment: 4
Year Built:	1935
ADT:	102
Last Inspection:	8/9/2012
Inspection Frequency:	12 Months

The Kentucky Transportation Cabinet (KYTC) inventories and inspects over 14,000 bridges in accordance with the **National Bridge Inspection Standards** (NBIS). Over 250 data items are collected and maintained on each bridge. A portion of this data is referred to as the **National Bridge Inventory (NBI)** and reported annually to the Federal Highway Administration (FHWA). Kentucky bridge maintenance activities are funded through **state road funds** and the FHWA **Highway Bridge Replacement and Rehabilitation Program** (HBRRP). The annual National Bridge Inventory (NBI) report determines the amount of HBRRP funds Kentucky will receive for a given fiscal year. The amount of state road funds is determined through the state legislative budgetary process.

HBRRP eligibility:

Rehabilitation: The bridge must be **structurally deficient** or **functionally obsolete** and have a **sufficiency rating** of 80 or less.

Replacement: The bridge must be **structurally deficient** or **functionally obsolete** and have a **sufficiency rating** of less than 50.

Condition ratings and **appraisal ratings** are key data items that determine the Sufficiency Rating, Structural Deficiency and Functional Obsolescence of a bridge.

Item No. 2-1085.00

**NATIONAL BRIDGE INVENTORY
KENTUCKY INVENTORY AND APPRAISAL REPORT**
Use of this document is subject to 23 USC SEC 409

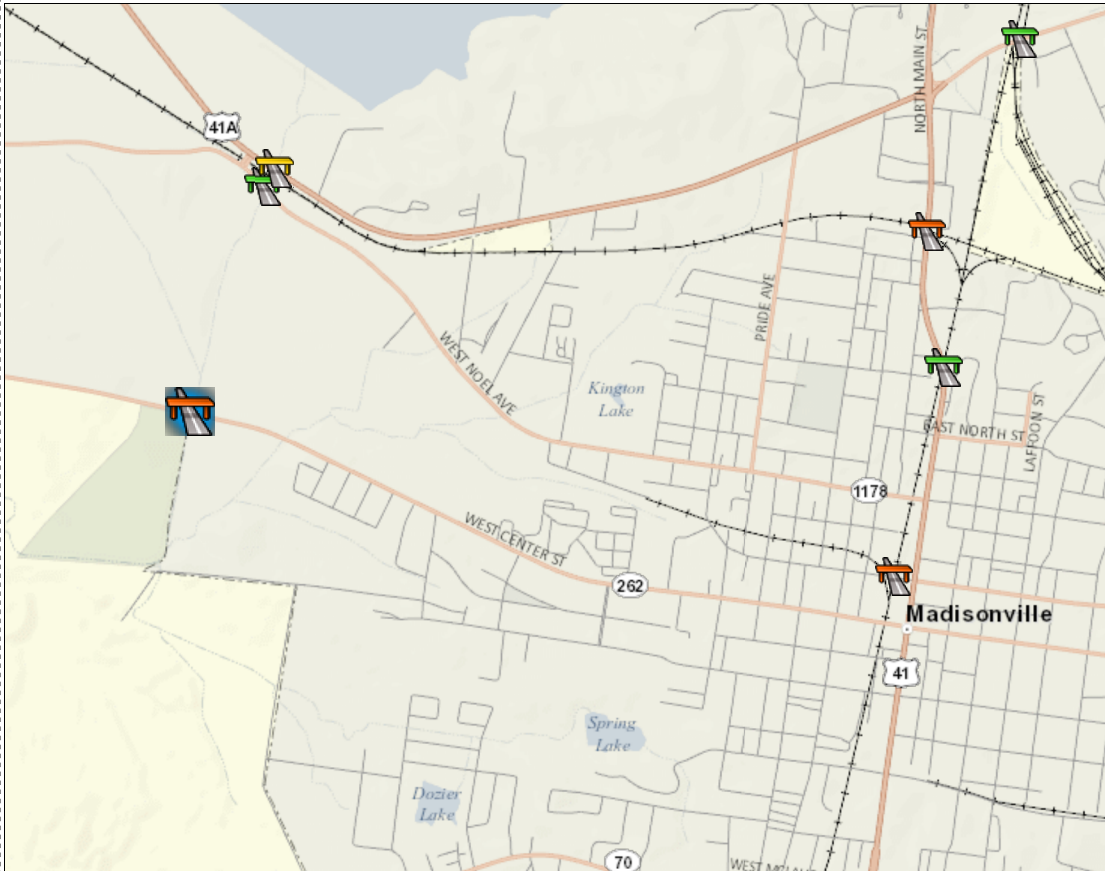
IDENTIFICATION		CLASSIFICATION	
(8) STRUCTURE NUMBER	024C00034N	(112)NBIS BRIDGE LENGTH:	Y
(1) STATE NAME:	KENTUCKY	(104)HIGHWAY SYSTEM:	0
(5) INVENTORY ROUTE:	CR- 1116	(26)FUNCTIONAL CLASS	09
(2) DISTRICT AGENCY DISTRICT:	2	(100)STRAHNET HIGHWAY:	0
(3)COUNTY CODE: 47	(4)PLACE CODE:0000	(101)PARALLEL STRUCTURE:	N
(6)FEATURES INTERSECTED :	CSX RAILROAD	(102)DIRECTION OF TRAFFIC:	3
(9)LOCATION:	U.S. 41 JUNCTION	(103)TEMPORARY STRUCTURE:	
(7)FACILITY CARRIED:	SUBSTATION RD	(105)FEDERAL LANDS HIGHWAY:	0
(11)MILEPOINT:	0.039	(110)DESIGNATED NATIONAL NETWORK:	0
(12)BASE HIGHWAY NETWORK:	0	(20)TOLL:	3
(13)LRS INVENTORY ROUTE&SUBROUTE:		(21)MAINTAIN:	02
(16)LATITUDE:	36.94 N DEGREES	(22)OWNER:	02
(17)LONGITUDE:	-87.48 W DEGREES	(37)HISTORICAL SIGNIFICANCE	5
(98)BORDER BRIDGE STATE CODE:	% shared: Unknown	CONDITION	
(99)BORDER BRIDGE STRUCTURE NO.:	Unknown	(58)DECK:	4
STRUCTURE TYPE AND MATERIAL		(59)SUPERSTRUCTURE:	5
(43)STRUCTURE TYPE MAIN:	3	(60)SUBSTRUCTURE:	5
(44)STRUCTURE TYPE APPR:	!	(61)CHANNEL AND CHANNEL PROTECTION :	N
(45)NUMBER OF SPANS IN MAIN UNIT:	3	(61)CULVERTS:	N
(46)NUMBER OF APPROACH SPANS:	0	LOAD RATING AND POSTING	
(107)DECK STRUCTURE TYPE:	8	(31)DESIGN LOAD :	
(108)WEARING SURFACE PROTECTION SYSTEM:	7	(63)OPERATING RATING METHOD:	2
(108A)TYPE OF WEARING SURFACE:	7	(64)OPERATING RATING:	14 Tons
(108B)TYPE OF MEMBRANE:	0	(65)INVENTORY RATING METHOD:	2
(108C)TYPE OF DECK PROTECTION:	0	(66)INVENTORY RATING:	14 Tons
AGE AND SERVICE		(70)BRIDGE POSTING:	2
(27)YEAR BUILT:	1935	(41)STRUCTURE OPEN,POSTED OR CLOSED:	P
(106)YEAR RECONSTRUCTED:	0	APPRAISAL	
(42A)TYPE OF SERVICE-ON:	CODE: 1	(67)STRUCTURE EVALUATION:	4
(42B)TYPE OF SERVICE-UNDER:	CODE: 2	(68)DECK GEOMETRY:	2
(28)LANES ON STRUCTURE : 1	LANES UNDER STRUCTURE: 0	(69)UNDERCLEARANCE,VERTICAL & HORIZONTAL:	5
(29)AVERAGE DAILY TRAFFIC:	102	(71)WATERWAY ADEQUACY:	N
(30)YEAR OF ADT: 2006	TRUCK ADT %	(72)APPROACH ROADWAY ALIGNMENT:	4
(19)BYPASS, DETOUR LENGTH:	3.7mi.	(36)TRAFFIC SAFETY FEATURES:	0000
GEOMETRIC DATA		(113)SCOUR CRITICAL BRIDGES:	N
(48)LENGTH OF MAXIMUM SPAN:	31 ft.	PROPOSED IMPROVEMENTS	
(49)STRUCTURE LENGTH:	80 ft.	(75)TYPE OF WORK:	Unknown
(50)CURB OR SIDEWALK LEFT: 0.50	RIGHT:0.50	(76)LENGTH OF STRUCTURE IMPROVEMENTS:	0
(51)BRIDGE ROADWAY CURB TO CURB:	12.10 ft.	(94)BRIDGE IMPROVEMENT COST:	0
(52)DECK WIDTH OUT TO OUT:	18.00 ft.	(95)ROADWAY IMPROVEMENT COST:	0
(32)APPROACH ROADWAY WIDTH (W/SHOULDERS):	14.10 ft.	(96)TOTAL PROJECT COST:	0
(33)BRIDGE MEDIAN:	CODE: 0	(97)YEAR OF IMPROVEMENT COST ESTIMATE	2000
(34)SKEW:	0	(114)FUTURE ADT:	104
(10)INVENTORY ROUTE MIN VERT CLEAR (Vclriv):	99.99 ft.	(115)YEAR OF FUTURE ADT:	2026
(47)INVENTORY ROUTE TOTAL HORIZ CLEAR (Vclriv):	12.1 ft.	INSPECTIONS	
(53)MIN VERT CLEAR OVER BRIDGE RDWY(vCLOVER):	99.99 ft.	(90)INSPECTION DATE:	8/9/2012
(54)MIN VER UNDERCLEAR REF(Refvuc):	(a) R (b) 22.25	(91)FREQUENCY:	12months
(55)MIN LAT UNDERCLEAR RT REF (Refhuc):	(a) Rft. (b) 11.2 ft.	(92A)FRACTURE CRITICAL DETAIL:	Y24
(56)MIN LAT UNDERCLEAR LEFT(Hclruit)	0 ft.	(92B)UNDERWATER INSPECTION:	Y24
NAVIGATION DATA		(92C)OTHER SPECIAL INSPECTIONS:	N
(38)NAVIGATION CONTROL:	0	(93A) FC DETAILS INSP DATE:	4/8/2011
(111)PIER PROTECTION:	0	(93B)UW DETAILS INSP DATE:	1/1/1901
(39)NAVIGATION VERTICAL CLEARANCE:	0	(93C)OTHER SPECIAL INSP DATE:	4/8/2011
(116)VERT-LIFT BRIDGE NAV MIN VERT CLEARANCE:	0		
(40)NAVIGATION HORIZ CLEARANCE:	0		
SUFFICIENCY RATING:	34.4		
STATUS:	1		

KYTC Bridge Data Miner

Select from the following zoom options or Click on the map to show bridges...

The map will show bridges around the location you clicked or show bridges at large scales.

Click on a bridge for complete details about its structure information.



Bridge ID:	054B00107N i
County:	Hopkins i
Roadway:	KY-0262 i
Road Name:	West Center St
MilePost:	2.754 i
Intersection:	i
	Greasey Creek
Length:	78.1 feet
Deck Width:	27.5 feet i
Roadway Width:	0 feet i
Status:	i
	STRUCTURALLY DEFICIENT
Sufficiency Rating:	40.30 i
Condition Ratings:	i
• Deck:	7
• Channel:	7
• Superstr.:	5
• Culverts:	N
• Substr.:	4
Appraisal Ratings:	i
• Structural Eval:	4
• Deck Geometry:	4
• Underclearance:	N
• Waterway Adeq:	7
• Alignment:	8
Year Built:	1967
ADT:	1410 i
Last Inspection:	10/31/2011
Inspection Frequency:	24 Months

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Condition ratings and **appraisal ratings** are key data items that determine the Sufficiency Rating, Structural Deficiency and Functional Obsolescence of a bridge.

Item No. 2-1079.00

**NATIONAL BRIDGE INVENTORY
KENTUCKY INVENTORY AND APPRAISAL REPORT**

Use of this document is subject to 23 USC SEC 409

IDENTIFICATION		CLASSIFICATION	
(8) STRUCTURE NUMBER	054B00107N	(112)NBIS BRIDGE LENGTH:	Y
(1) STATE NAME:	KENTUCKY	(104)HIGHWAY SYSTEM:	0
(5) INVENTORY ROUTE:	KY- 262	(26)FUNCTIONAL CLASS	17
(2) DISTRICT AGENCY DISTRICT:	2	(100)STRAHNET HIGHWAY:	0
(3)COUNTY CODE: 107	(4)PLACE CODE:0000	(101)PARALLEL STRUCTURE:	N
(6)FEATURES INTERSECTED :	GREASEY CREEK	(102)DIRECTION OF TRAFFIC:	2
(9)LOCATION:	2.0 Mi. West US41	(103)TEMPORARY STRUCTURE:	
(7)FACILITY CARRIED:	KY-262	(105)FEDERAL LANDS HIGHWAY:	0
(11)MILEPOINT:	2.754	(110)DESIGNATED NATIONAL NETWORK:	0
(12)BASE HIGHWAY NETWORK:	0	(20)TOLL:	3
(13)LRS INVENTORY ROUTE&SUBROUTE:		(21)MAINTAIN:	01
(16)LATITUDE:	37.34 N DEGREES	(22)OWNER:	01
(17)LONGITUDE:	-87.53 W DEGREES	(37)HISTORICAL SIGNIFICANCE	5
(98)BORDER BRIDGE STATE CODE:	% shared: Unknown	CONDITION	
(99)BORDER BRIDGE STRUCTURE NO.:	Unknown	(58)DECK:	7
STRUCTURE TYPE AND MATERIAL		(59)SUPERSTRUCTURE:	5
(43)STRUCTURE TYPE MAIN:	1	(60)SUBSTRUCTURE:	4
(44)STRUCTURE TYPE APPR:	!	(61)CHANNEL AND CHANNEL PROTECTION :	7
(45)NUMBER OF SPANS IN MAIN UNIT:	3	(61)CULVERTS:	N
(46)NUMBER OF APPROACH SPANS:	0	LOAD RATING AND POSTING	
(107)DECK STRUCTURE TYPE:	2	(31)DESIGN LOAD :	2
(108)WEARING SURFACE PROTECTION SYSTEM:	6	(63)OPERATING RATING METHOD:	1
(108A)TYPE OF WEARING SURFACE:	6	(64)OPERATING RATING:	22 Tons
(108B)TYPE OF MEMBRANE:	0	(65)INVENTORY RATING METHOD:	1
(108C)TYPE OF DECK PROTECTION:	0	(66)INVENTORY RATING:	20 Tons
AGE AND SERVICE		(70)BRIDGE POSTING:	5
(27)YEAR BUILT:	1967	(41)STRUCTURE OPEN,POSTED OR CLOSED:	A
(106)YEAR RECONSTRUCTED:	0	APPRAISAL	
(42A)TYPE OF SERVICE-ON: CODE:	1	(67)STRUCTURE EVALUATION:	4
(42B)TYPE OF SERVICE-UNDER: CODE:	5	(68)DECK GEOMETRY:	4
(28)LANES ON STRUCTURE : 2	LANES UNDER STRUCTURE: 0	(69)UNDERCLEARANCE,VERTICAL & HORIZONTAL:	N
(29)AVERAGE DAILY TRAFFIC:	1410	(71)WATERWAY ADEQUACY:	7
(30)YEAR OF ADT: 2012	TRUCK ADT %0	(72)APPROACH ROADWAY ALIGNMENT:	8
(19)BYPASS, DETOUR LENGTH:	1.9mi.	(36)TRAFFIC SAFETY FEATURES:	0000
GEOMETRIC DATA		(113)SCOUR CRITICAL BRIDGES:	8
(48)LENGTH OF MAXIMUM SPAN:	24 ft.	PROPOSED IMPROVEMENTS	
(49)STRUCTURE LENGTH:	78 ft.	(75)TYPE OF WORK:	Unknown
(50)CURB OR SIDEWALK LEFT: 0.70	RIGHT:0.70	(76)LENGTH OF STRUCTURE IMPROVEMENTS:	0
(51)BRIDGE ROADWAY CURB TO CURB:	25.50 ft.	(94)BRIDGE IMPROVEMENT COST:	175000
(52)DECK WIDTH OUT TO OUT:	27.50 ft.	(95)ROADWAY IMPROVEMENT COST:	120000
(32)APPROACH ROADWAY WIDTH (W/SHOULDERS):	22.00 ft.	(96)TOTAL PROJECT COST:	345000
(33)BRIDGE MEDIAN: CODE:	0	(97)YEAR OF IMPROVEMENT COST ESTIMATE	
(34)SKEW:	0	(114)FUTURE ADT:	1720
(10)INVENTORY ROUTE MIN VERT CLEAR (Vclriv):	99.99 ft.	(115)YEAR OF FUTURE ADT:	2032
(47)INVENTORY ROUTE TOTAL HORIZ CLEAR (Vclriv):	25.4 ft.	INSPECTIONS	
(53)MIN VERT CLEAR OVER BRIDGE RDWY(vCLOVER):	99.99 ft.	(90)INSPECTION DATE:	10/31/2011
(54)MIN VER UNDERCLEAR REF(Refvuc):	(a) N (b) 0	(91)FREQUENCY:	24months
(55)MIN LAT UNDERCLEAR RT REF (Refhuc):	(a) Nft. (b) 0 ft.	(92A)FRACTURE CRITICAL DETAIL:	N
(56)MIN LAT UNDERCLEAR LEFT(Hclruit)	0 ft.	(92B)UNDERWATER INSPECTION:	N
NAVIGATION DATA		(92C)OTHER SPECIAL INSPECTIONS:	N
(38)NAVIGATION CONTROL:	0	(93A) FC DETAILS INSP DATE:	1/1/1901
(111)PIER PROTECTION:	1	(93B)UW DETAILS INSP DATE:	1/1/1901
(39)NAVIGATION VERTICAL CLEARANCE:	0	(93C)OTHER SPECIAL INSP DATE:	1/1/1901
(116)VERT-LIFT BRIDGE NAV MIN VERT CLEARANCE:	0		
(40)NAVIGATION HORIZ CLEARANCE:	0		
SUFFICIENCY RATING:	40.3		
STATUS:	1		

Summary:

Inspection Date: 1/31/2013
 Inspector: JBEASLEY (18)
 Primary Type: Standard (24 Months)

Types of Inspections Performed:

National Bridge Inventory: Y
 Element: Y
 Fracture Critical: N
 Underwater: N
 Other Special: N

District Review Date: 2/6/2013

Inspector Signature: _____

District Reviewer: DLARKIN (33)

IDENTIFICATION

Bridge ID (8):	046B00031N MAP BRIDGE	District Number:	2
Route Carried (7):	KY-2124	County (3):	46 Hancock
Mile Point:	2.613	Feature Intersected (6):	SOUTH FORK OF PANTHER CR
Location (9):	2.4 MI NOR. OF JCT KY 261	Road Name:	KY-2124
Structure Description:	23.95 Foot - Single Span Steel Stringer/Multi-beam or Girder		

NBI CONDITION

SCHEDULE TAB

		Schedule:	Required (Y/N)	Last Date	Frequency	Next Date
Deck (58):	4					
Superstructure (59):	4	NBI (90):		1/31/2013	(91): 12 mos	1/31/2015
Substructure (60):	4	Fracture Critical (92A):	N	(93A): 1/1/1901	(92A): mos	1/1/1901
Culverts (62):	N	Underwater (92B):	N	(93B): 1/1/2003	(92B): mos	1/1/1901
Channel/Protection (61):	7	Other Special (92C):	N	(93C): 1/1/1901	(92C): mos	1/1/1901
		Elemental:	NA		12 mos	1/31/2015

Load Rating and Posting

Truck Type	Typ I	Typ II	Typ III	Typ IV	Gross
Recomm. Posting:	10	10	10	10	10
Field Posting:	-1	-1	-1	-1	-1
Posting Status (41):	A Open, no restriction				
Signs Posted:	Cardinal:	N	Non-Cardinal:	N	

WATERWAY

Scour Critical (113):	8
Observed 113 Rating:	4
Waterway Adeq. (71):	7

DECK/WEARING SURFACE

Deck Type (107):	1 Concrete-Cast-In-Place				
Wearing Surface/Protective System (108):	Type: 1	Membrane: 0	Protection: 0		
Traffic Safety Features (36):	Bridge Rail: 0	Transition: 1	Appr. Rail: 0	Rail Ends: 1	
Overlay:	N				
Overlay Type:	None				
Overlay Thickness:	0.00				

Vertical Clearances

Minimum Vertical Overclearance (53):	99.99
Minimum Vertical Underclearance (54):	0.00
Maximum Vertical Clearance (10):	99.99
Minimum Vertical Clearance:	99.99

Sufficiency Ratings

SR:	35.80	SD/FO:	1 Structurally Deficient
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Element Condition State Data

Elm/Env	Description	Units	Total Qty.	Qty. CS1	Qty. CS2	Qty. CS3	Qty. CS4	Qty. CS5
107/1	Paint Stl Opn Girder	LF	144.00	0.00	100.00	36.00	0.00	7.99
12/1	Bare Concrete Deck	SF	448.00	0.00	0.00	448.00	0.00	0.00
215/1	R/Conc Abutment	LF	72.00	0.00	60.00	12.00	0.00	0.00

Summary:

Inspection Date: 1/31/2013
 Inspector: JBEASLEY (18)
 Primary Type: Standard (24 Months)

Types of Inspections Performed:

National Bridge Inventory: Y
 Element: Y
 Fracture Critical: N
 Underwater: N
 Other Special: N

Element Condition State Data

Elm/Env	Description	Units	Total Qty.	Qty. CS1	Qty. CS2	Qty. CS3	Qty. CS4	Qty. CS5
334/1	Metal Rail Coated	LF	48.00	48.00	0.00	0.00	0.00	0.00
361/1	Scour Smart Flag	EA	1.00	0.00	1.00	0.00	0.00	0.00
363/1	Section Loss SmFlag	EA	1.00	0.00	0.00	1.00	0.00	0.00
503/1	Curbs	LF	48.00	48.00	0.00	0.00	0.00	0.00

Element Condition State Data

Str	Unit	Elm/Env	Description	Description
1		107/1	Paint Stl Opn Girder	The beams are light to heavily rusted. The ends of the beams at the abutments are rusty in the webs and flanges. The webs of the exterior beams, at the abutments have rusted through, B1&B6. Beam 6 at abutment 2 has been plated and has 1/2 amount of lower flange then the rest of the beam. The upper flanges of the exterior beams are moderately rusted. The lower flange of B6 at abutment 1 has substantial section loss and is bending just past the abutment 1 bearing, the web does not touch the lower flange at all over the beam 6 bearing of abutment 1.
1		12/1	Bare Concrete Deck	There are a few large patches, along with several smaller spalls. Vertical supports were placed under the stiffener sections of beams bypassing the section loss area. These supports are uniform on both sides and are bolted into the footer. See pictures
1		215/1	R/Conc Abutment	The full ht concrete abutments are cracking horizontally, and map cracking as well with efflorescence coming from these cracks, the bridge seats are scaling and deteriorating on the ends.
1		334/1	Metal Rail Coated	
1		361/1	Scour Smart Flag	Abutment 1 west end, at the wingwall has been scoured under approx 1-.1.75'
1		363/1	Section Loss SmFlag	The exterior beams have section loss in web and in lower flange, concrete abutments have heavy spalling under the Beam 6 abutment 2 bearing.
1		503/1	Curbs	< none >

BRIDGE.Notes

Work Candidates

Inspector Candidates:

Candidate ID:	Status	Priority	Assigned	Action	Elem	Date Recommended
A-KYTC-11109D64-00000051	Approved	High	Unassigned	31	107	1/26/2009
A-KYTC-11109D64-00000053	Approved	High	Unassigned	41	12	1/26/2009
A-KYTC-11109D64-0000005D	Approved	High	Unassigned	11	0	1/26/2009
A-KYTC-11109D64-0000006E	Approved	High	Unassigned	11	0	1/26/2009