

Bridge Inspection Report

00512



US 64/sec15/L2.49
over
DRAINAGE CANAL



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

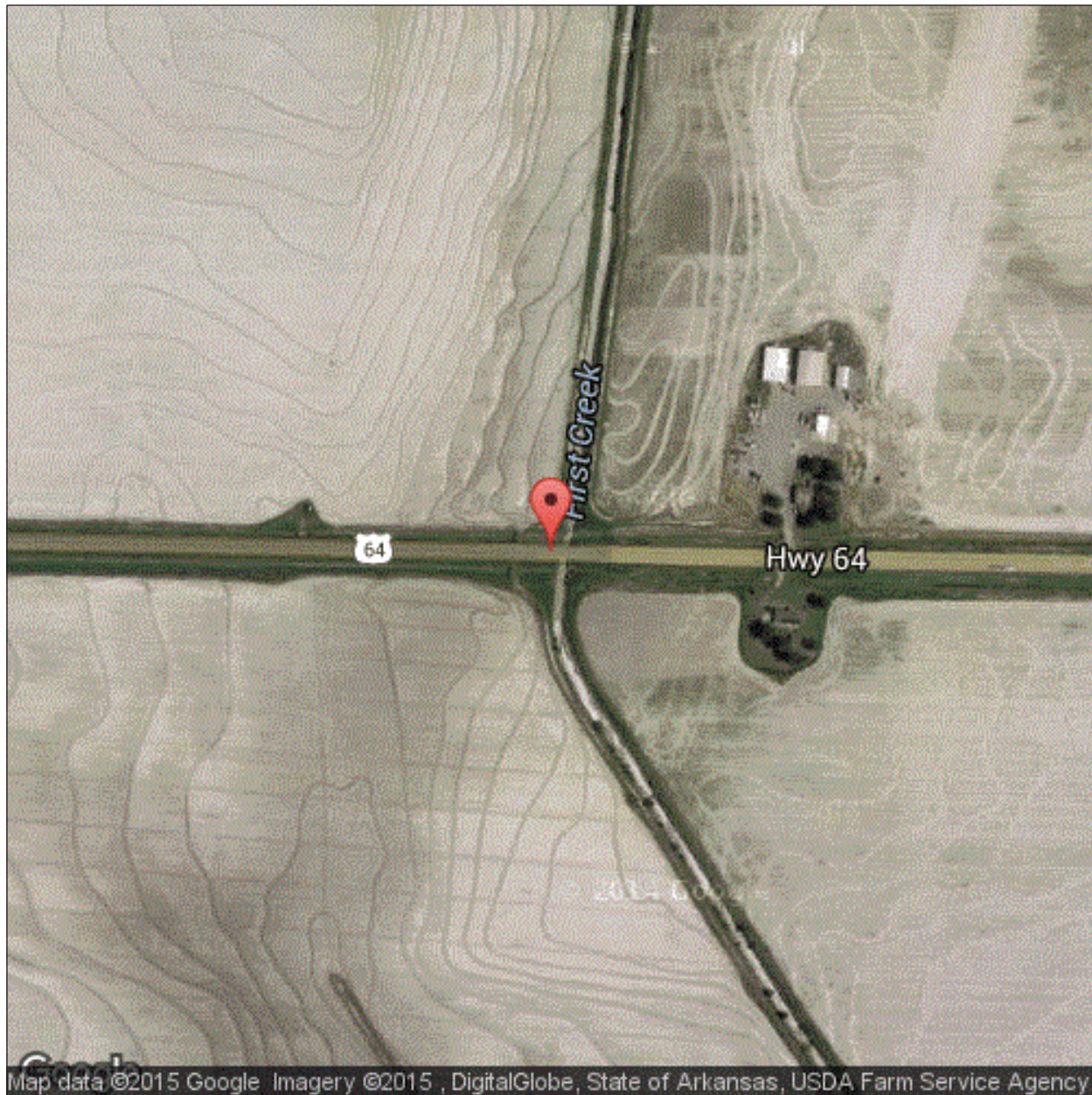
Structure Number: 00512

Inspection Date:

Facility Carried: US 64/sec15/L2.49

Bridge Inspection Report

Location Map



Latitude: 35.25189

Longitude: -90.99675

Inspector:

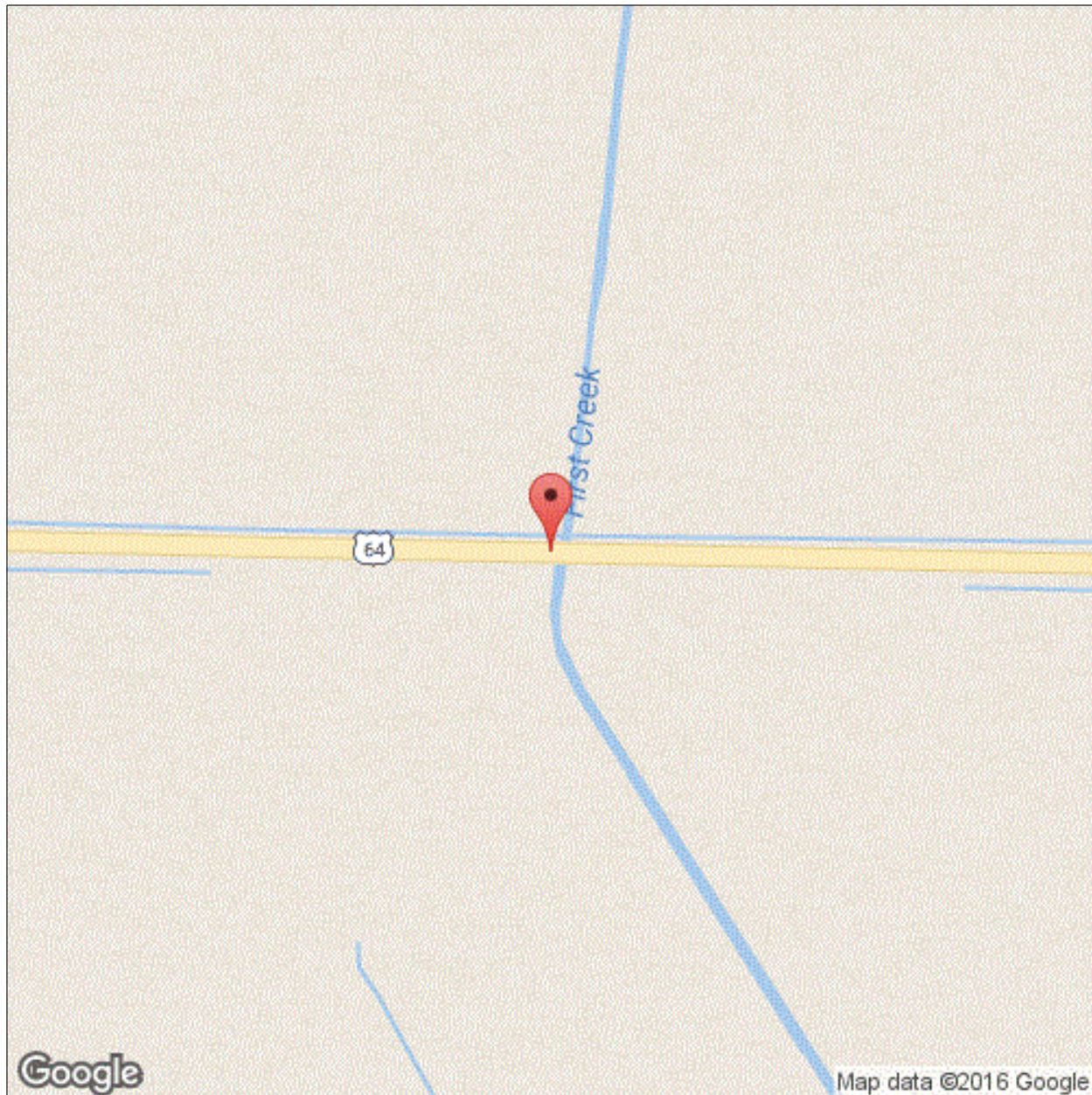
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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	12/09/2015
(8) STRUCTURE NUMBER	00512	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 64 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY 01	(3) COUNTY CODE 037	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	74540	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	DRAINAGE CANAL	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 64/sec15/L2.49		
(9) LOCATION	1.85 MI E JCT US 49		
(11) MILEPOINT 2.490	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000064150	(13B) SUBROUTE NUMBER	00
(16) LATITUDE	35.25189	(17) LONGITUDE	-90.99675
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	7
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(59) SUPERSTRUCTURE	8
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(60) SUBSTRUCTURE	7
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	8
A) KIND OF MATERIAL/DESIGN: 0 - Other		(62) CULVERT	N
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN	3	(46) NUMBER OF APPROACH	0
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE	6
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION	0
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1963	(106) YEAR RECONSTRUCTED	0000
(42) TYPE OF SERVICE	ON 1 UNDER 5	(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES	ON 02 UNDER 00	(64) OPERATING RATING	48.0
(29) AVERAGE DAILY TRAFFIC	3400	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(66) INVENTORY RATING	29.0
(109) AVERAGE DAILY TRUCK TRAFFIC	1	(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.)	25	(49) STRUCTURE LENGTH (ft.)	75
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 1.3 RIGHT 1.3	(67) STRUCTURAL EVALUATION	6
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	27.9	(68) DECK GEOMETRY	4
(52) DECK WIDTH, OUT-TO-OUT (ft.)	31.6	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(71) WATERWAY ADEQUACY	9
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	30.8	(72) APPROACH ROADWAY ALIGNMENT	8
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(36) TRAFFIC SAFETY FEATURE	
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	36A) BRIDGE RAILINGS:	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	36B) TRANSITIONS:	0
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	36C) APPROACH GUARDRAIL:	0
		36D) APPROACH GUARDRAIL ENDS:	1
		(113) SCOUR CRITICAL BRIDGES	5
		SUFFICIENCY RATING	0
		STATUS	73.1
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(95) ROADWAY IMPROVEMENT COST (\$)	0	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	0	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT	4180	(103) TEMP STRUCTURE	
(115) YEAR OF FUTURE ADT	2028	(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	1
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	01
		(22) OWNER	01
		(37) HISTORICAL	5
		NAVIGATION DATA	
		(38) NAVIGATION CONTROL	0
		(111) PIER OR ABUTMENT PROTECTION	1
		(39) NAV VERT CLEARANCE (ft.)	0
		(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
		(40) NAV HORIZONTAL CLEARANCE (ft.)	0

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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
38 - Reinforced Concrete Slab	1- Ben.	2370	sq. ft.	2369	1		0
	EACH SPAN HAS HAIRLINE LONGITUDINAL CRACKS WITH NO EFFLORESCENCE. SPAN #1 RIGHT SIDE HAS MINOR POPOFF DUE TO POOR CONCRETE COVERAGE WITH REBAR EXPOSED WITH SMALL DELAMINATIONS AROUND IT.						
1090 - Exposed Rebar		1			1		
510 - Wearing Surfaces		2100	sq. ft.	2100			
215 - Reinforced Concrete Abutment	1- Ben.	80	ft.	80			
	MONUMENT POST AT ABUTMENT #1 RIGHT SIDE IS LEANING OUT. MONUMENT POST AT ABUTMENT #2 LEFT IS LEANING BACK						
227 - Reinforced Concrete Pile	1- Ben.	10	each	10			
234 - Reinforced Concrete Pier Cap	1- Ben.	65	ft.	61	2	2	0
	BENT #2 CAP BACK FACE ABOVE PILE #5 HAS 2 PIECES OF EXPOSED REBAR DUE TO POOR CONCRETE COVERAGE. BENT #2 CAP BOTTOM BETWEEN PILE #4 & 5 HAS 2' DELAMINATION. BENT #2 CAP BOTTOM BETWEEN PILE #1 & 2 HAS 1' POPOFF WITH EXPOSED REBAR. BENT #3 BOTTOM BY PILE #3 HAS 1' DELAMINATION.						
1080 - Delamination/Spall/Patched Area		2				2	
1090 - Exposed Rebar		2			2		
301 - Pourable Joint Seal	1- Ben.	126	ft.	126			
330 - Metal Bridge Railing	1- Ben.	150	ft.	125	25		0
	SPAN #1 RIGHT SIDE FIRST 3 RAIL POSTS ARE BROKEN & SPALLED AT BOTTOM WITH REBAR EXPOSED. span 2 on right side rail has primer with spotty rust front and back						
1000 - Corrosion		25			25		
515 - Steel Protective Coating		450	sq. ft.	425		25	0
3440 - Effectiveness (Steel Protective Coatings)		25				25	

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Maintenance Needs

Date Reported: 1/23/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

ABUTMENT #2 LEFT SIDE CURB IS BROKEN AT BRIDGE END.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Abutment 2 left approach curb.

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Maintenance Needs

Date Reported: 1/23/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

MONUMENT POST AT ABUTMENT #1 RIGHT SIDE IS LEANING OUT.
MONUMENT POST AT ABUTMENT #2 LEFT IS LEANING BACK.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 12/12/2013 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

BRIDGE RAIL

SPAN #1 RIGHT

SPAN #1 RIGHT SIDE FIRST 3 RAIL POSTS ARE BROKEN & SPALLED AT BOTTOM WITH REBAR EXPOSED.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 12/09/2015

Priority: D - Routine

Work Code: N/A

Deficiency Description:

Vegetation is growing in gutters full length of bridge.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description Vegetation is growing in gutters.

Inspector: Melton, Drew
Inspection Date: 12/09/2015

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Deck/Culvert Notes

SuperStructure Notes

SubStructure Notes