

Bridge Inspection Report

00511

US 64/sec15/L1.03

over

DRAINAGE DITCH



Inspection Date:

Inspected By:

Inspection Type(s):

BRIDGE #00511 - TOP VIEW



BRIDGE #00511 - SIDE VIEW



Inspector:

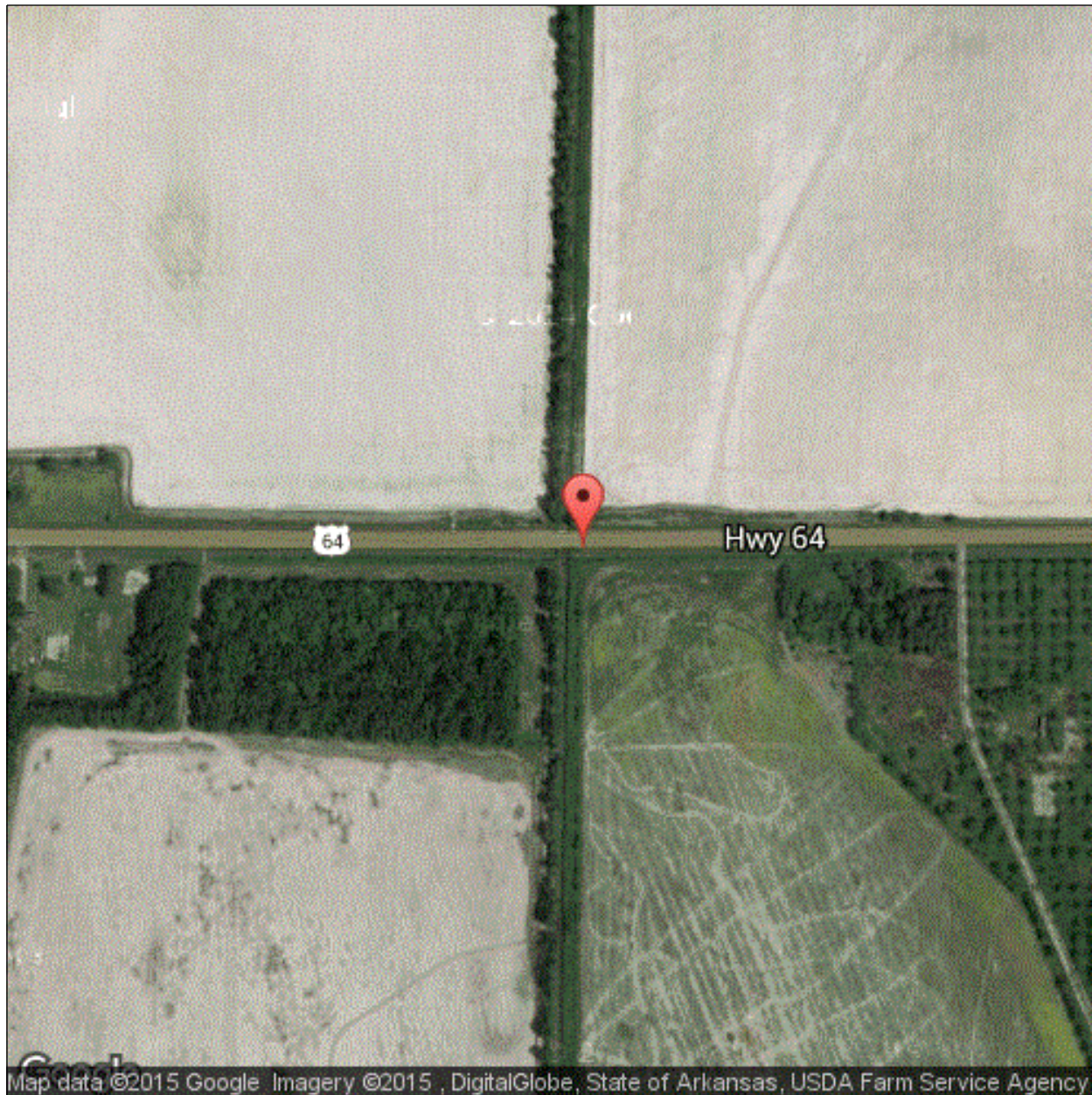
Structure Number: 00511

Inspection Date:

Facility Carried: US 64/sec15/L1.03

Bridge Inspection Report

Location Map



Latitude: 35.25187

Longitude: -91.02250

Inspector:

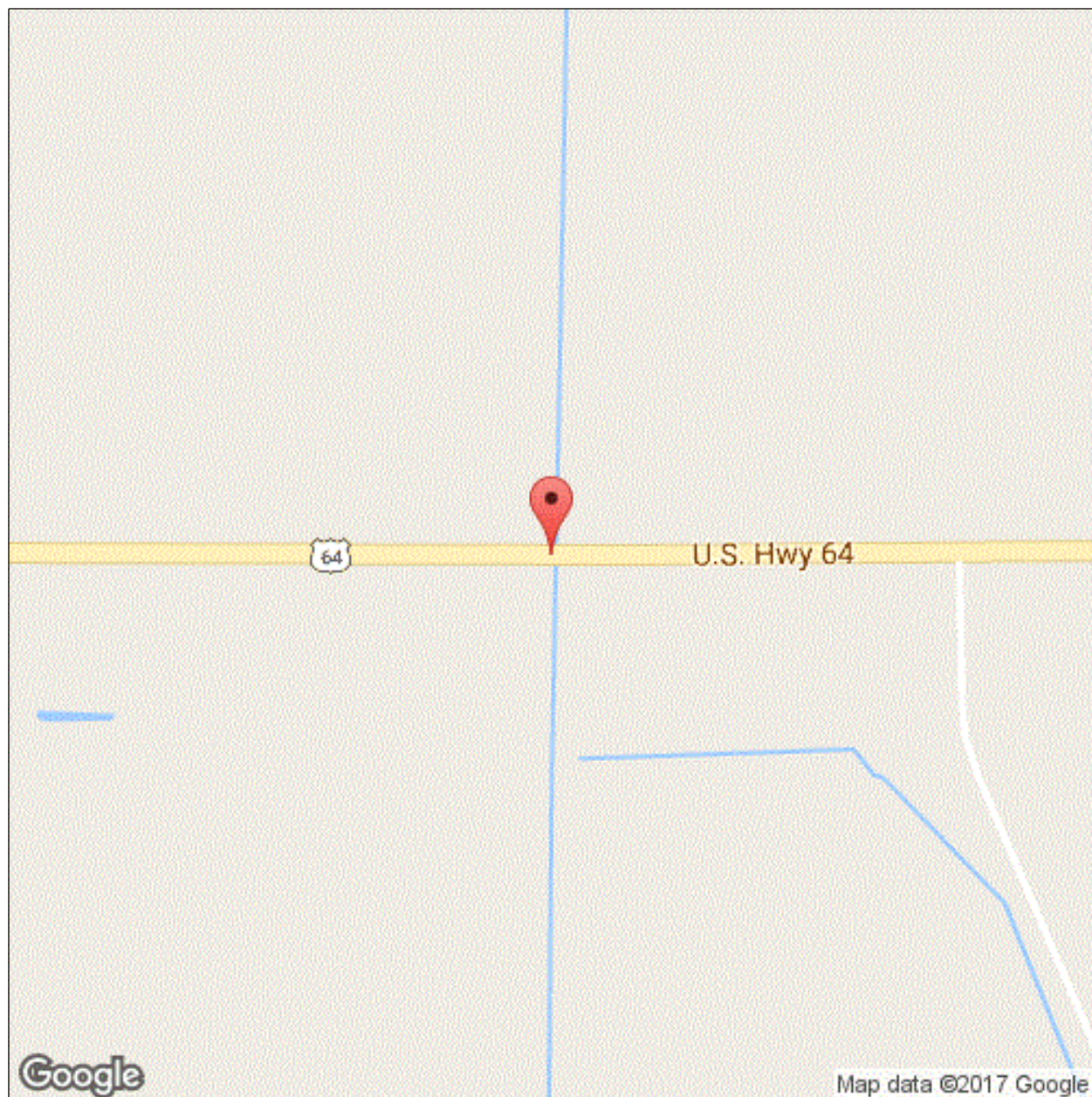
Structure Number: 00511

Inspection Date:

Facility Carried: US 64/sec15/L1.03

Bridge Inspection Report

Location Map



Latitude: 35.25187

Longitude: -91.02250

Inspector:

Inspection Date:

Structure Number: 00511

Facility Carried: US 64/sec15/L1.03

Bridge Inspection Report

Executive Summary

Underside of Deck: Several large efflorescent cracks to soffit.
Joints: Joints are closed.

Inspector:

Structure Number: 00511

Inspection Date:

Facility Carried: US 64/sec15/L1.03

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	12/09/2015
(8) STRUCTURE NUMBER	00511	(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 DITCH	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 64/sec15/L1.03		
(9) LOCATION	.3 MI E JCT US 49		
(11) MILEPOINT 1.030	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000064150 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE	35.25187 (17) LONGITUDE -91.02250		
(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	7 (60) SUBSTRUCTURE 8
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(61) CHANNEL & CHANNEL PROTECTION	7 (62) CULVERT N
(44) STRUCTURE TYPE, APPROACH SPANS			
A) KIND OF MATERIAL/DESIGN: 0 - Other			
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN	3 (46) NUMBER OF APPROACH		
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE		
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1963 (106) YEAR RECONSTRUCTED	(31) DESIGN LOAD	5
(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	47.0
(29) AVERAGE DAILY TRAFFIC	3400 (19) BYPASS DETOUR LENGTH	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(66) INVENTORY RATING	28.0
(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.)	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 1.3 RIGHT 1.3	(68) DECK GEOMETRY	4
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	27.9	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	31.6	(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	36A) BRIDGE RAILINGS:	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	30.8	36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	36C) APPROACH GUARDRAIL:	0
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	SUFFICIENCY RATING	0 STATUS 71.9
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 (115) YEAR OF FUTURE ADT	(103) TEMP STRUCTURE	
	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

Inspector:

Structure Number: 00511

Inspection Date:

Facility Carried: US 64/sec15/L1.03

Bridge Inspection Report

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.	2370			
	EACH SPAN HAS LONGITUDINAL CRACKS AT CENTERLINE WITH LIGHT EFFLORESCENCE.						
510 - Wearing Surfaces		2100	sq. ft.	2100			
215 - Reinforced Concrete Abutment	1- Ben.	80	ft.	80			
227 - Reinforced Concrete Pile	1- Ben.	10	each	10			
234 - Reinforced Concrete Pier Cap	1- Ben.	65	ft.	61	1	3	0
	BENT #3 FRONT FACE ABOVE PILE #3 HAS 1' DELMINATION & MINOR POPOFF WITH 1' OF REBAR EXPOSED. BENT #2 AHEAD FACE HAS 2' DELAMINATION ABOVE PILE #5. BENT #2 BACK FACE HAS MINOR POPOFF ABOVE PILE #5 WITH NO REBAR EXPOSED.						
1080 - Delamination/Spall/Patched Area		3				3	
1090 - Exposed Rebar		1			1		
301 - Pourable Joint Seal	1- Ben.	126	ft.	126			
330 - Metal Bridge Railing	1- Ben.	150	ft.	150			
	SPAN #3 RIGHT SIDE 3rd POST FROM ABUTMENT 2 IS BROKEN AT BASE WITH EXPOSED REBAR. RIGHT RAIL HAS MINOR DENTS & DINGS FULL LENGTH.						
515 - Steel Protective Coating		450	sq. ft.	450			

Agency Inventory

Structural

BRIDGE GROUP

WEARING SURFACE THICKNESS IN

WEATHERING STEEL No

PIN / HANGER No

STAY IN PLACE FORMS No

STEEL TONS Tons(41) STRUCTURE
OPEN/POSTED/CLOSED A**Location**ROAD / ROUTE NAME SECTION ZONE **Seismic**

SEISMIC

SEISMIC YEAR / ZONE **Notification**SCHOOL DISTRICT EMAIL OWNER EMAIL

LATE REASON N/A

Load Po**Calculated**

CODE 4 VEHICLE (22 tons)

CODE 9 VEHICLE (31 tons)

CODE 5 VEHICLE (40 tons)

Posted

Bridge Beginning

CODE 4 TonsCODE 9 TonsCODE 5 Tons**Stip**

APHN

STIP

JOB NUMBER

PROG. JOB NUMBER

OLD BRIDGE NUMBER

NEW BRIDGE NUMBER

BRIDGE CONDITION INDEX

Notes

Inspector:

Structure Number: 00511

Inspection Date:

Facility Carried: US 64/sec15/L1.03

Bridge Inspection Report

Maintenance Needs

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

Priority: D - Routine

Work Code: N/A

Deficiency Description:

SPAN #3 RIGHT SIDE 3RD POST FROM ABUTMENT 2 IS BROKEN AT BASE WITH EXPOSED REBAR WITH MINOR RAIL DAMAGE.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Right side 3rd post from abutment 2.

Stage: Monitor



PHOTO 2 Description

Inspector:

Structure Number: 00511

Inspection Date:

Facility Carried: US 64/sec15/L1.03

Bridge Inspection Report

Maintenance Needs

Date Reported: 12/09/2015

Priority: D - Routine

Work Code: Vandalism Problem

Deficiency Description:

Vegetation is growing in gutters.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description Vegetation is growing in gutters.