

# Bridge Inspection Report

**00520**

**US 64/sec15/L10.79**

**over**

**GREGORY DITCH**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**





Inspector:

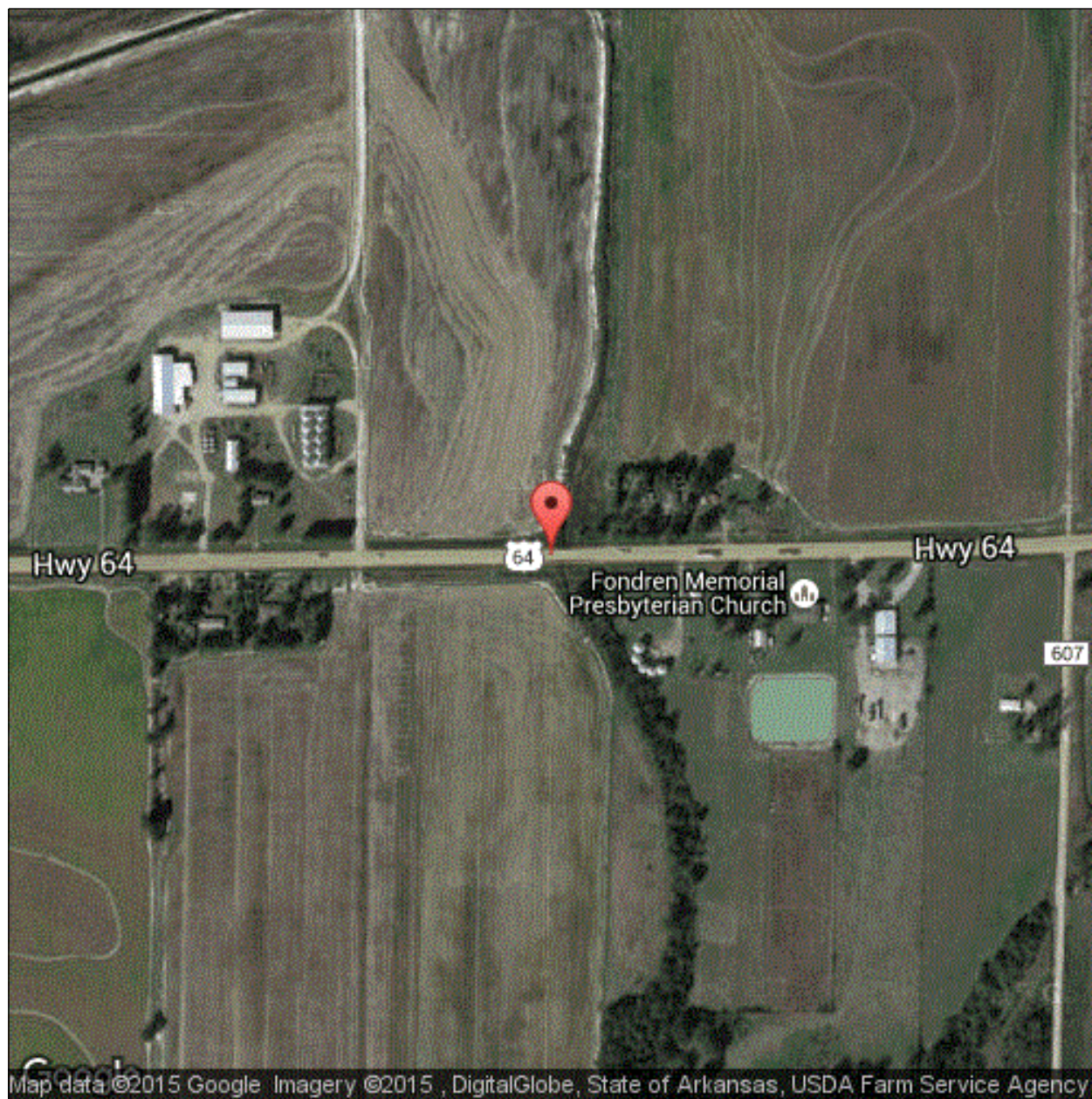
Structure Number: 00520

Inspection Date:

Facility Carried: US 64/sec15/L10.79

## Bridge Inspection Report

### Location Map



Latitude: 35.252068

Longitude: -90.850105



Inspector:

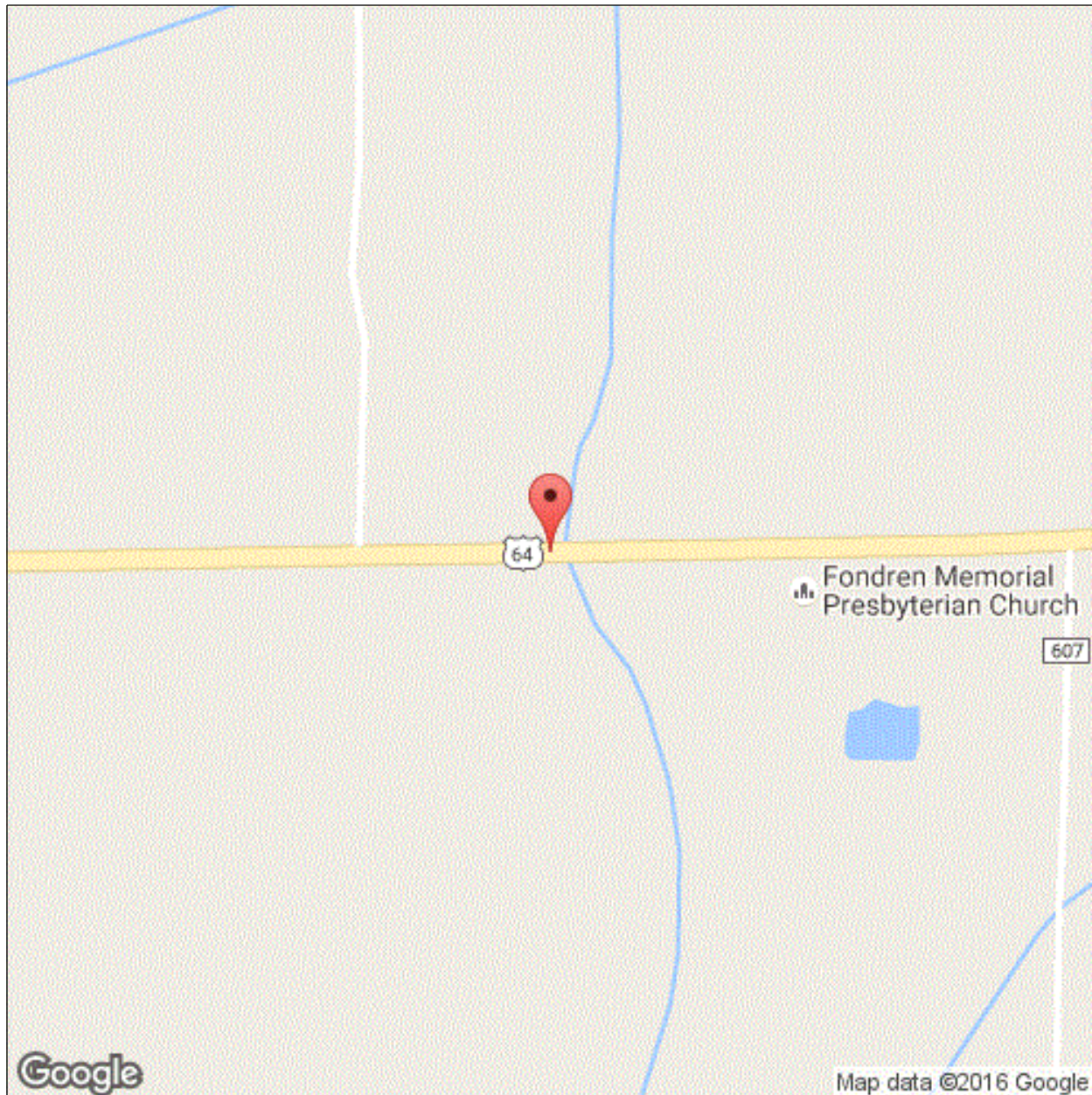
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### Location Map



Latitude: 35.252068

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## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	12/09/2015
(8) STRUCTURE NUMBER	00520	(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	GREGORY DITCH	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 64/sec15/L10.79		
(9) LOCATION	3.15 MI W OF JCT SH 1 NO.		
(11) MILEPOINT 10.790	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000064150 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.252068	(17) LONGITUDE -90.850105		
(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 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	(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	48.0
(29) AVERAGE DAILY TRAFFIC 4000	(19) BYPASS DETOUR LENGTH 5	(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	(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	9
(32) APPROACH ROADWAY WIDTH (ft.) 40.0		(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 0	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	36A) BRIDGE RAILINGS:	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.) 30.8		36B) TRANSITIONS:	1
(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 75.1
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 4549	(115) YEAR OF FUTURE ADT 2028	(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	0
		(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.	2345	25		0
	ASPHALT IS CRACKED AT BENTS. ALL SPANS HAVE OPEN HAIRLINE LONGITUDINAL CRACKS NEAR CL WITH AREAS OF LIGHT EFFLORESCENCE.						
1120 - Efflorescence/Rust Staining		25			25		
510 - Wearing Surfaces		2520	sq. ft.	2408	112		0
3220 - Crack (Wearing Surface)		112			112		
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.	60	ft.	58	2		
	BENT #2 CAP BACKFACE HAS 1' SPALL AT CENTERLINE WITH EXPOSED REBAR. BENT #3 CAP HAS 1' SPALL WITH EXPOSED REBAR AT LEFT END AHEADFACE.						
301 - Pourable Joint Seal	1- Ben.	126	ft.	126			
330 - Metal Bridge Railing	1- Ben.	150	ft.	149		1	0
	ABUTMENT #1 LEFT SIDE FIRST POST IS BROKEN AT BASE WITH EXPOSED REBAR. LEFT RAIL HAS MINOR DENTS & DINGS FULL LENGTH.						
1020 - Connection		1				1	
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

**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**

ABUTMENT #2 LEFT SIDE SLOPE IS ERODED AROUND MONUMENT POST WITH DEPTHS UP TO 1' EXTENDING  
Vegetation is beside and under bridge.  
Vegetation is growing in gutters.



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## Bridge Inspection Report

### Maintenance Needs

Date Reported: 12/09/2015

Priority: D - Routine

Work Code:

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Deficiency Description:

Vegetation is beside bridge and under bridge.

Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Open



PHOTO 1    Description    Vegetation beside bridge.



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### Maintenance Needs

Date Reported: 12/09/2015

Priority: D - Routine

Work Code:

---

Deficiency Description:

Vegetation is growing in gutters.

Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Open



PHOTO 1    Description    Vegetation is growing in gutters.

Inspector:

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## Bridge Inspection Report

### Maintenance Needs

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

Priority: D - Routine

Work Code:

---

Deficiency Description:

ABUTMENT #1 LEFT SIDE FIRST POST IS BROKEN AT BASE WITH EXPOSED REBAR.

Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Monitor



PHOTO 1      Description      Abutment 1 left first post

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## Bridge Inspection Report

### Maintenance Needs

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

Priority: D - Routine

Work Code:

---

Deficiency Description:

ABUTMENT #2 LEFT SIDE SLOPE IS ERODED AROUND MONUMENT POST WITH DEPTHS UP TO 1' EXTENDING DOWN SLOPE.

Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Monitor



PHOTO 1      Description      Abutment 2 left monument post erosion.