

# Bridge Inspection Report

00521

US 64/sec15/L11.31

over

CANEY CREEK



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**





Inspector:

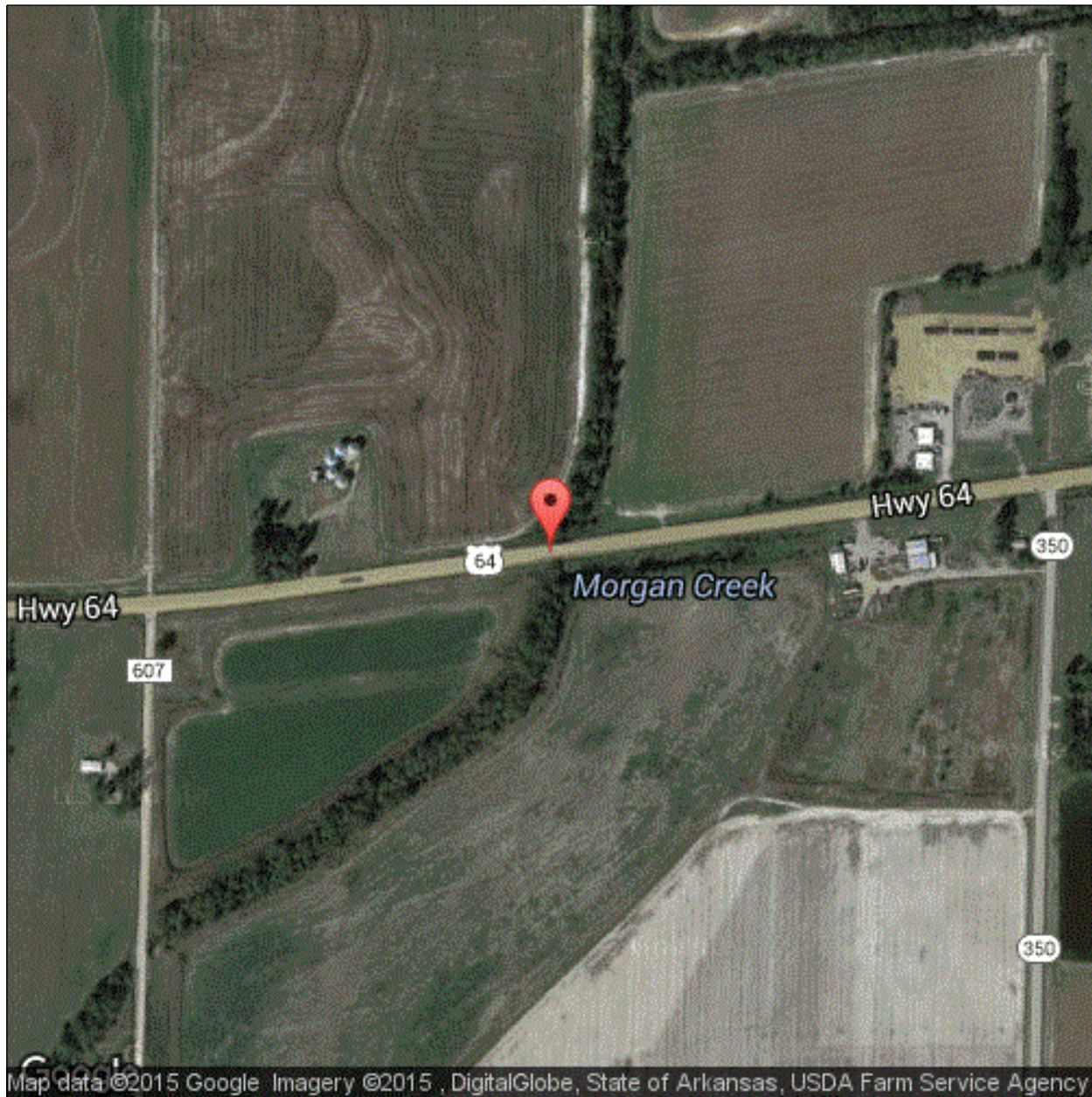
Structure Number: 00521

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## Bridge Inspection Report

### Location Map



Latitude: 35.252575

Longitude: -90.841064



Inspector:

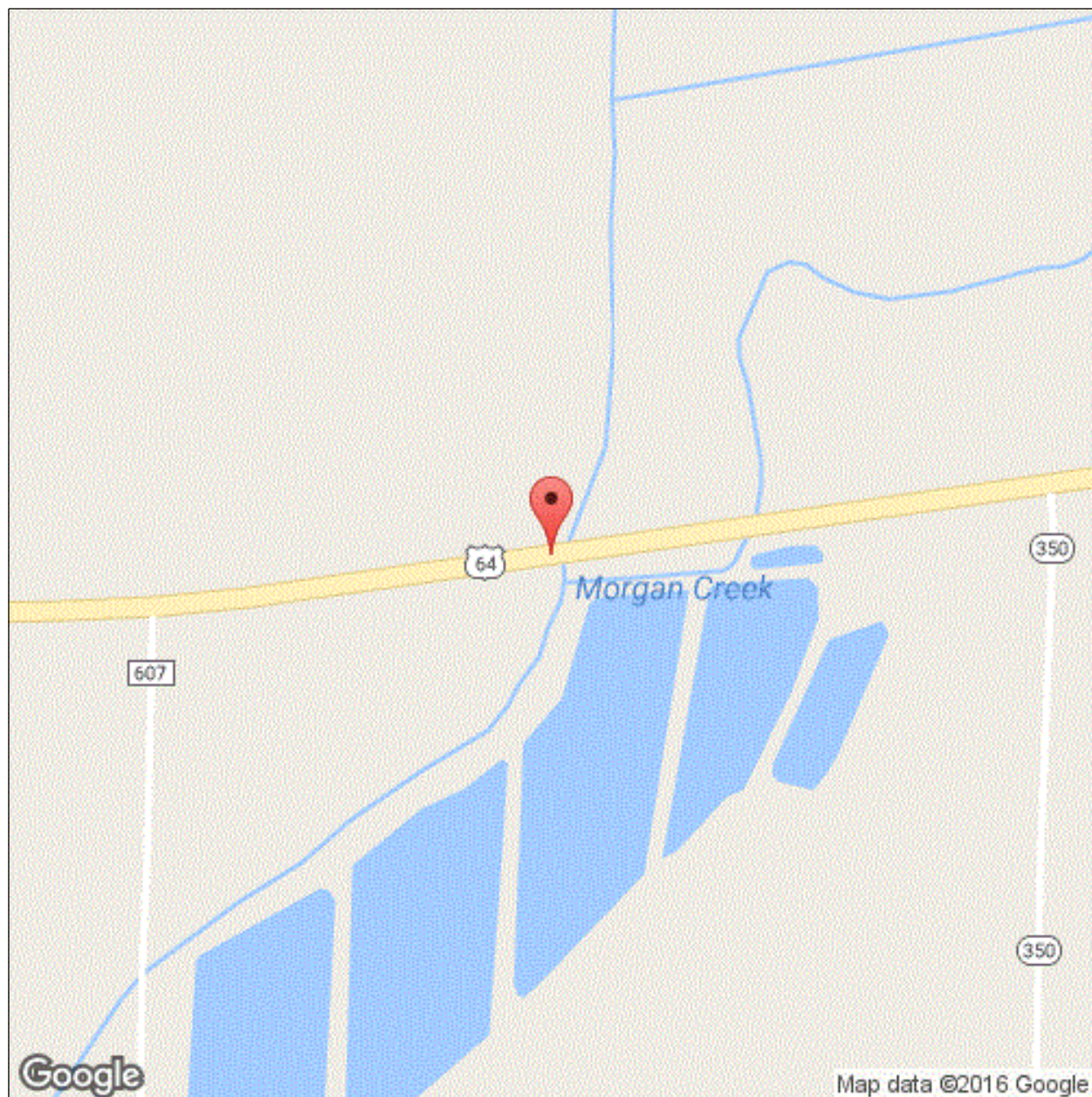
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## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	12/09/2015
(8) STRUCTURE NUMBER	00521	(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	CANEY CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 64/sec15/L11.31		
(9) LOCATION	2.65 MI W OF JCT SH 1 NO.		
(11) MILEPOINT 11.310	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000064150 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.252575	(17) LONGITUDE -90.841064		
(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
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(60) SUBSTRUCTURE	7
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	7
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		
(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	60.0
(29) AVERAGE DAILY TRAFFIC	4000 (19) BYPASS DETOUR LENGTH	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(66) INVENTORY RATING	36.0
(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.)	30 (49) STRUCTURE LENGTH (ft.)	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 1.4 RIGHT 1.4	(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.)	33.5	(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	7
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	SUFFICIENCY RATING	0
		STATUS	79.1
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	(103) TEMP STRUCTURE	
	2028	(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.	3015	sq. ft.	2982	32	1	0
	ASPHALT IS CRACKED AT BENTS. SIDES OF SLAB HAVE VERTICAL HAIRLINE CRACKS SPACED EVERY 1' - 2'. SPAN #1 HAS SPALL AT LEFT DRAIN WITH EXPOSED REBAR WITH 5 % +- SECTION LOSS. SPAN #2 HAS SPALL AT RIGHT DRAIN WITH EXPOSED REBAR SPAN #3 HAS SPALL AT LEFT DRAIN WITH EXPOSED REBAR SOFFIT HAS TRANSVERSE & LONGITUDINAL CRACKS, SOME WITH RUST STAINING.						
1090 - Exposed Rebar		3			2	1	
1120 - Efflorescence/Rust Staining		30			30		
510 - Wearing Surfaces		2520	sq. ft.	2408	112	0	0
3220 - Crack (Wearing Surface)		112			112		
215 - Reinforced Concrete Abutment	1- Ben.	75	ft.	75			
227 - Reinforced Concrete Pile	1- Ben.	10	each	10			
234 - Reinforced Concrete Pier Cap	1- Ben.	62	ft.	55	3	4	0
	BENT #2 TOP OF CAP, BACKFACE 2' SPALL AT LEFT KEYWAY NO REBAR EXPOSED. BENT #2 TOP OF CAP, BACKFACE, 2' DELAM AT RIGHT KEYWAY, NO REBAR EXPOSED. BENT #2 TOP OF CAP, FRONT FACE AT RIGHT KEYWAY 2' SPALL WITH EXPOSED REBAR. BENT #3 CAP BOTTOM BETWEEN PILE #2 & 3 HAS SEVERAL SMALL POPOUTS WITH EXPOSED REBAR.						
1080 - Delamination/Spall/Patched Area		4				4	
1090 - Exposed Rebar		3			3		
301 - Pourable Joint Seal	1- Ben.	126	ft.	126			
330 - Metal Bridge Railing	1- Ben.	180	ft.	168	0	2	10
	SPAN #3 LAST POST ON LEFT SIDE IS BROKEN AT BASE WITH EXPOSED REBAR. SPAN #3 LEFT SIDE HAS MINOR COLLISION DAMAGE. Abutment 1 right side first 10' of bridge rail is gone and first post spalled with rebar exposed due to collision damage.						
1020 - Connection		2				2	
7000 - Damage		10					10
515 - Steel Protective Coating		540	sq. ft.	540			

## 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**

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 growing in gutters.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Stage: Open



PHOTO 1    Description    Vegetation is growing in gutters.



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**Maintenance Needs**

Date Reported: 1/24/2012 12:00:00 AM

Priority: D - Routine

Work Code:

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Deficiency Description:

SPAN #3 LAST POST ON LEFT SIDE IS BROKEN AT BASE WITH EXPOSED REBAR.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

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