

Bridge Inspection Report

M1326
US 70 Lewis st.
over
CREEK



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

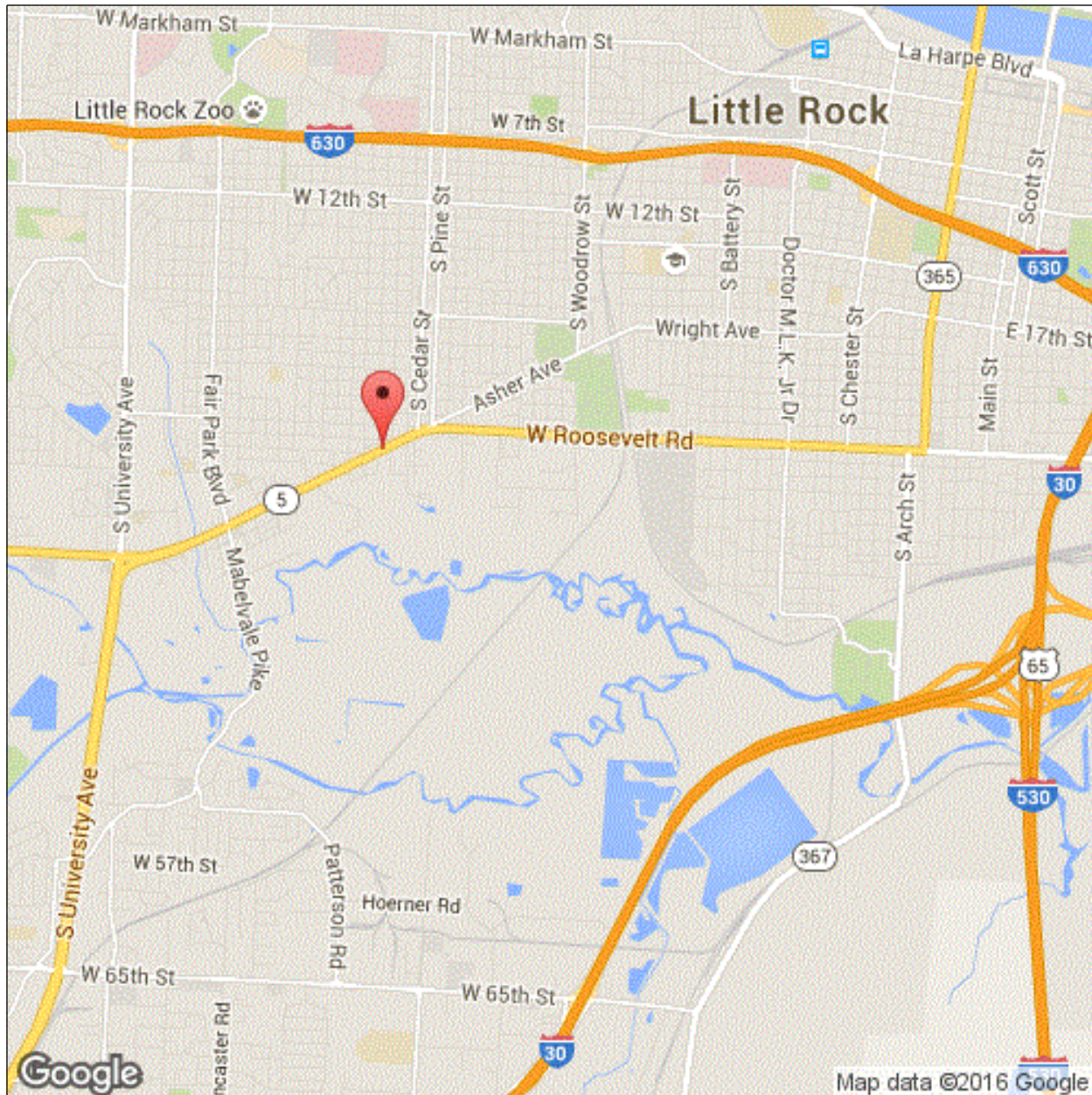
Structure Number: M1326

Inspection Date:

Facility Carried: US 70 Lewis St.

Bridge Inspection Report

Location Map



Latitude: 34.72448

Longitude: -92.32168

Inspector:

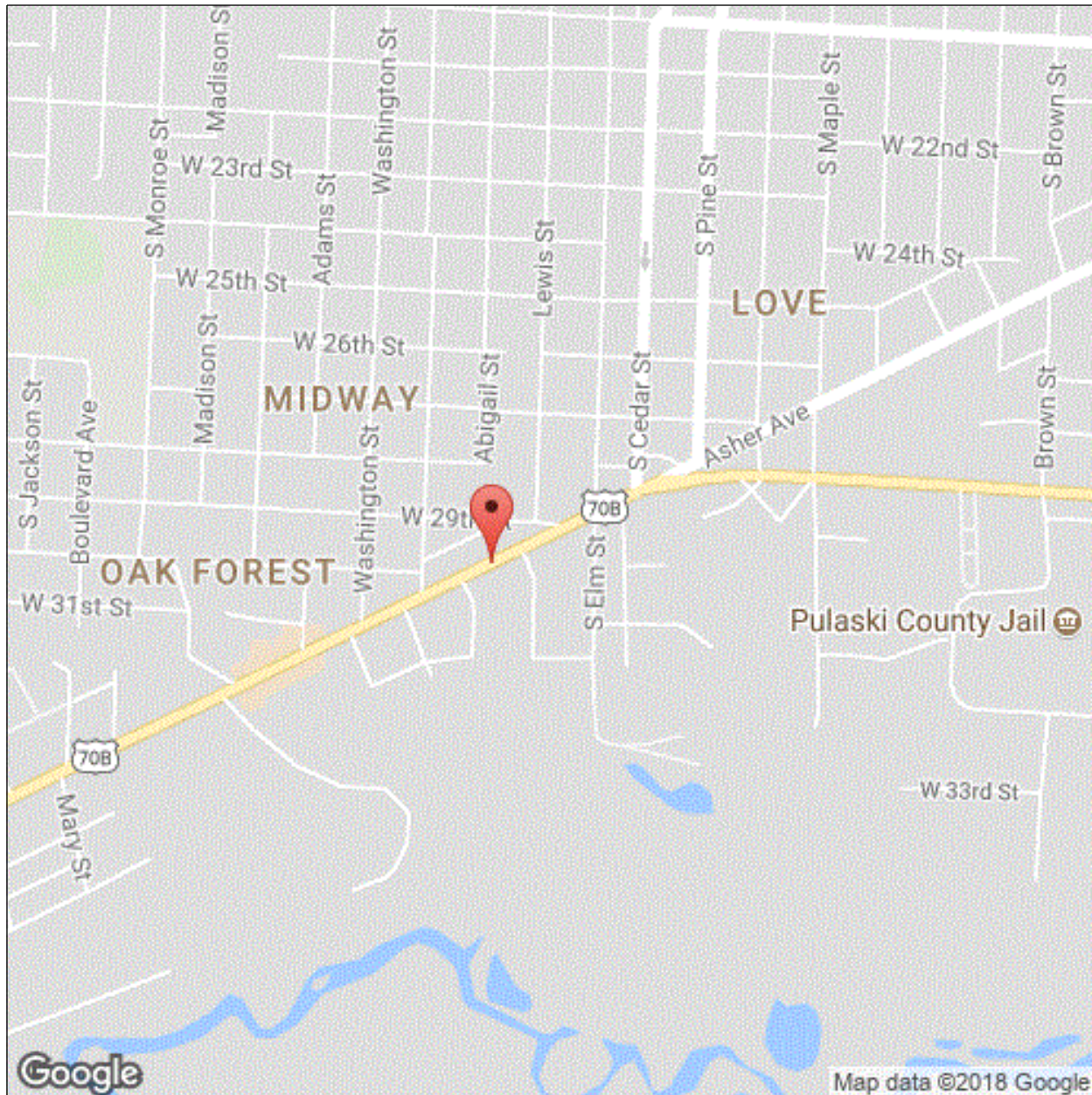
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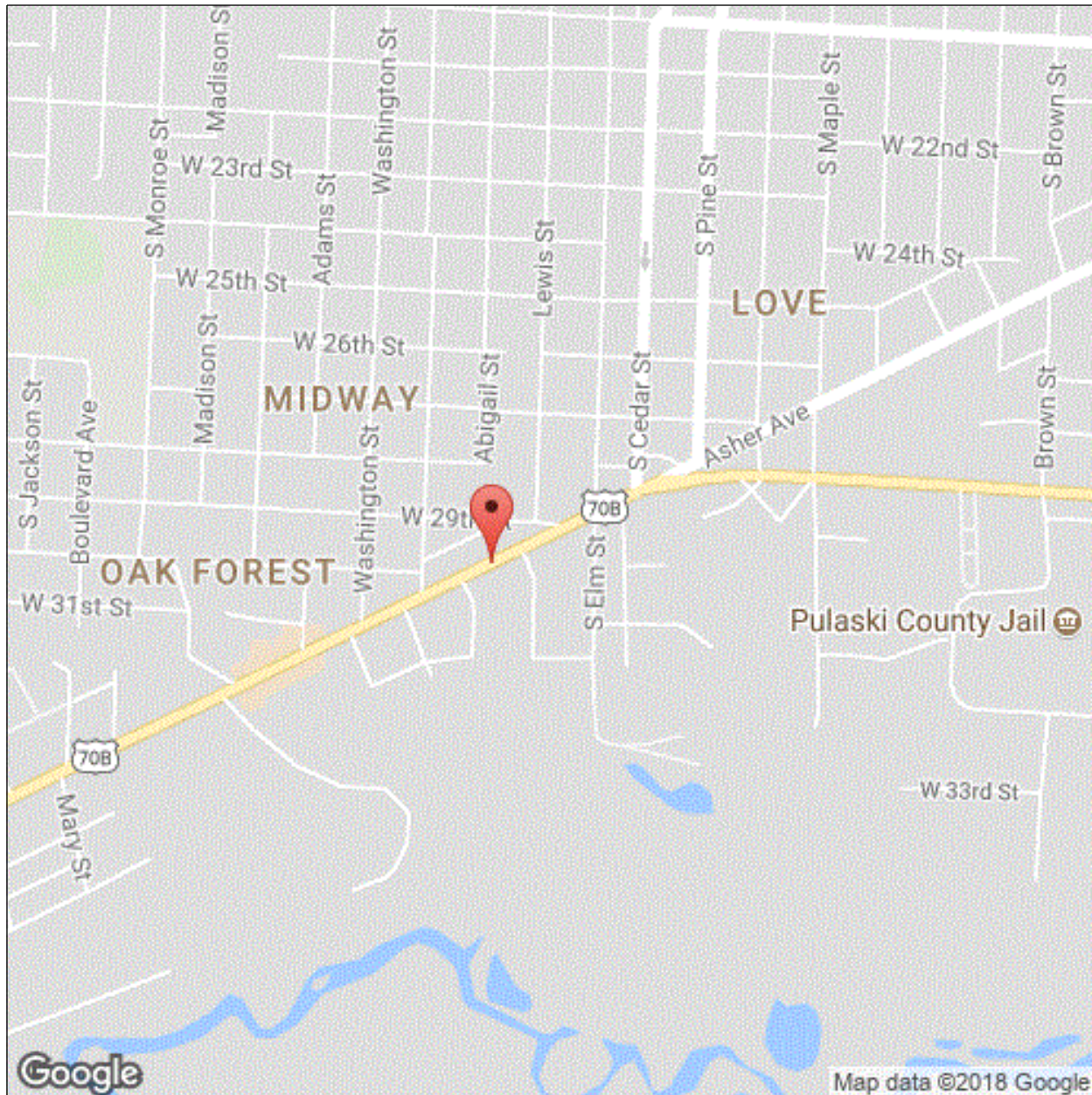
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Executive Summary

Structure located between buildings at 4306 Asher Ave.

Logged east bound.

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	04/11/2018
(8) STRUCTURE NUMBER	M1326	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 70 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	06 (3) COUNTY CODE 119	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	39020	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 70 Lewis st.		
(9) LOCATION	1.3 MI E OF SH 5		
(11) MILEPOINT 4.230	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000070120 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 34.72448	(17) LONGITUDE -92.32168		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	N
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(59) SUPERSTRUCTURE	N
B) TYPE OF DESIGN/CONSTR: 19 - Culvert (includes frame culverts)		(60) SUBSTRUCTURE	N
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	8
A) KIND OF MATERIAL/DESIGN: 0 - Other		(62) CULVERT	7
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN 2	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE N	(108A) WEARING SURFACE N		
(108B) DECK MEMBRANE N	(108C) DECK PROTECTION N		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1935	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	2
(42) TYPE OF SERVICE ON 1 UNDER 5		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 04 UNDER 00		(64) OPERATING RATING	39
(29) AVERAGE DAILY TRAFFIC 28000	(19) BYPASS DETOUR LENGTH 10	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	24
(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.) 10	(49) STRUCTURE LENGTH (ft.) 23	(67) STRUCTURAL EVALUATION	5
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 6 RIGHT 6		(68) DECK GEOMETRY	4
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 53.5		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 65.5		(71) WATERWAY ADEQUACY	7
(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.) 99.9		36B) TRANSITIONS:	N
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	N
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	N
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	8
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING	55.8
		STATUS	0
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED 31	(75B) WORK DONE BY 1	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 46.0		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	14
(95) ROADWAY IMPROVEMENT COST (\$)	1177	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	2215	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE	1994	(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 34997	(115) YEAR OF FUTURE ADT 2028	(103) TEMP STRUCTURE	
		(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
241 - Reinforced Concrete Culvert	1- Ben.	131	ft.	113	18	0	0
	Scattered cracks in both barrels.						
1130 - Cracking (RC and Other)		18		0	18	0	0

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Pictures

PHOTO 1

Description

PHOTO 2

Description

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Pictures

PHOTO 2

Description

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Sketches

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Maintenance Needs