

Bridge Inspection Report

B6376
270-5 EB Lakeshore
over
Lakeshore Dr.



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

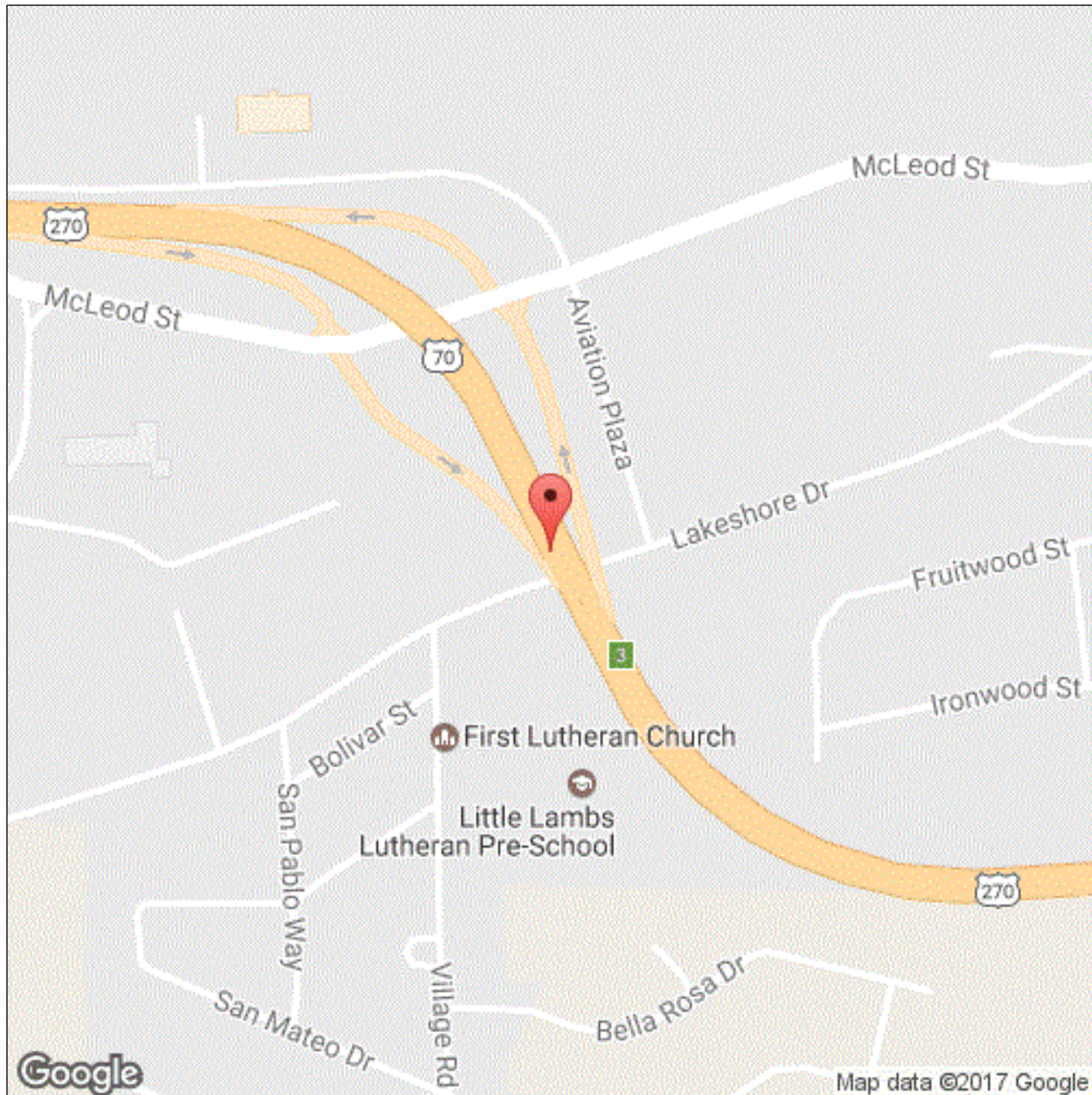
Structure Number: B6376

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Facility Carried: 270-5 EB Lakeshore

Bridge Inspection Report

Location Map



Latitude: 34.46841068701909

Longitude: -93.08825180985639

Inspector:

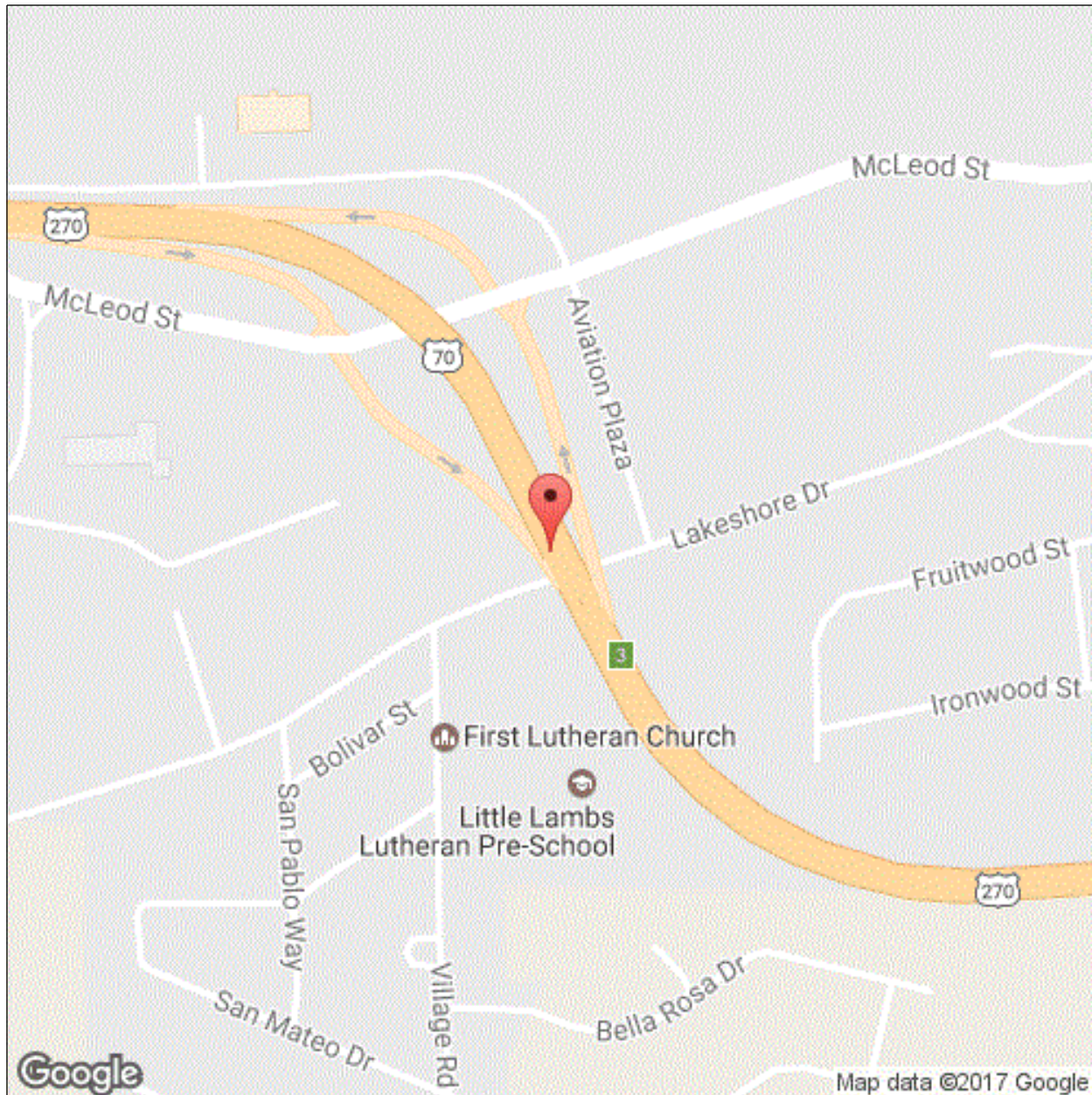
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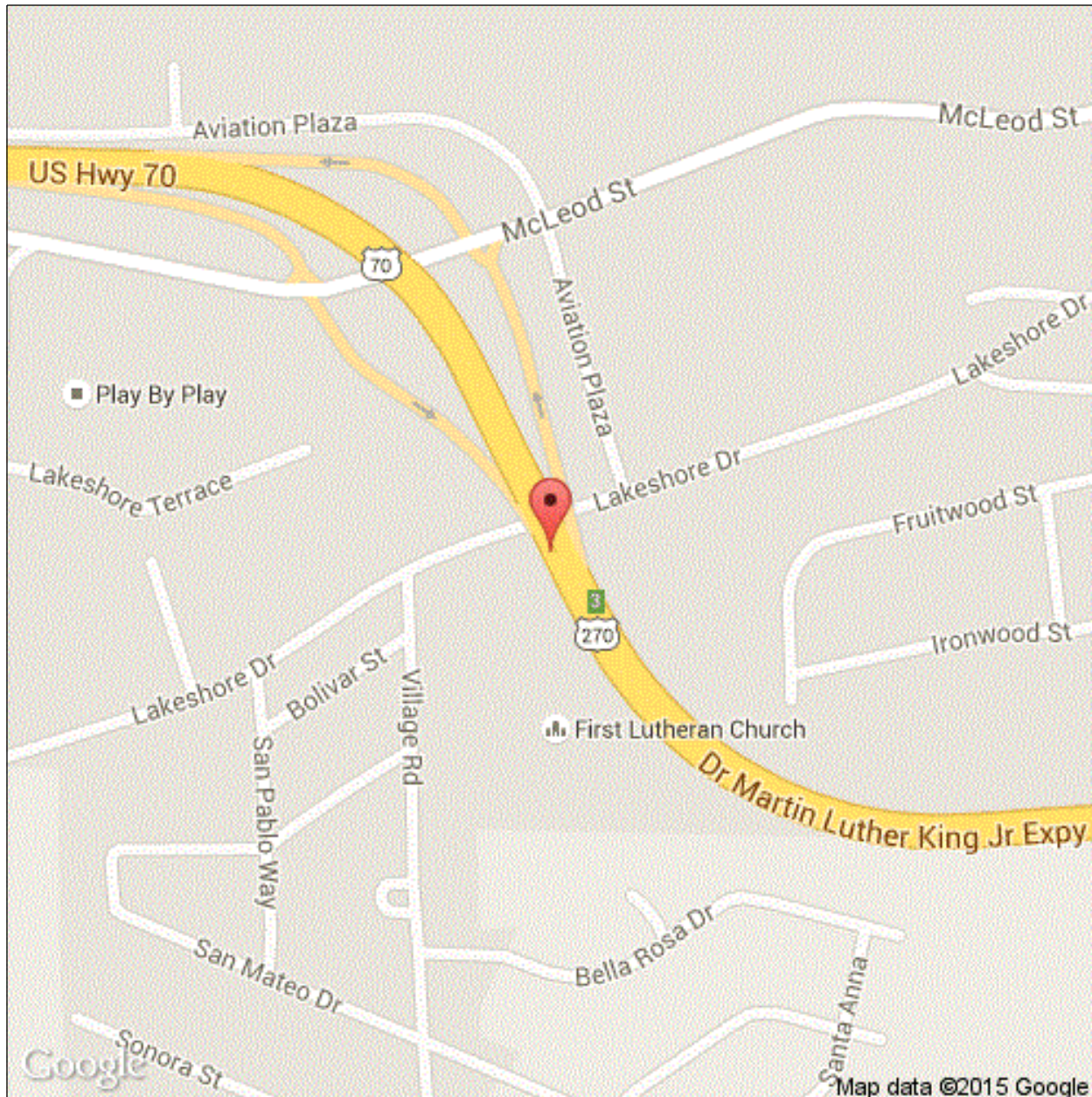
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Executive Summary

job# R60103 Dwg#31592 logged eastbound

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	05/22/2017
(8) STRUCTURE NUMBER	B6376	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 270 2	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	06 (3) COUNTY CODE 051	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	32540	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Lakeshore Dr.	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	270-5 EB Lakeshore		
(9) LOCATION	1.7 MI WEST SH 7		
(11) MILEPOINT 21.190	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000270050 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 34.46841068701909	(17) LONGITUDE -93.08825180985639		
(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: 3 - Steel		(59) SUPERSTRUCTURE	7
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(60) SUBSTRUCTURE	7
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	N
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 1		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 1		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1992	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	5
(42) TYPE OF SERVICE ON 1 UNDER 1		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 02 UNDER 02		(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 36000	(19) BYPASS DETOUR LENGTH 1	(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
GEOMETRIC DATA		(41) STRUCTURE OPEN/POSTED/CLOSED	A
(48) LENGTH OF MAX SPAN (ft.) 81	(49) STRUCTURE LENGTH (ft.) 178		
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0			
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	47.2		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	68.8		
(32) APPROACH ROADWAY WIDTH (ft.)	40.0		
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 10		
(35) STRUCTURE FLARED 1	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99		
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	49.2		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99		
(54) VERTICAL UNDER CLEARANCE (ft.)	H 18.42		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	H 28.2		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	28.3		
PROPOSED IMPROVEMENTS		APPRAISAL	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(67) STRUCTURAL EVALUATION	7
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 0		(68) DECK GEOMETRY	9
(94) BRIDGE IMPROVEMENT COST (\$)	0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	7
(95) ROADWAY IMPROVEMENT COST (\$)	0	(71) WATERWAY ADEQUACY	N
(96) TOTAL PROJECT COST	0	(72) APPROACH ROADWAY ALIGNMENT	8
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(36) TRAFFIC SAFETY FEATURE	
(114) FUTURE ADT 13801	(115) YEAR OF FUTURE ADT 2028	36A) BRIDGE RAILINGS:	1
		36B) TRANSITIONS:	0
		36C) APPROACH GUARDRAIL:	0
		36D) APPROACH GUARDRAIL ENDS:	0
		(113) SCOUR CRITICAL BRIDGES	N
		SUFFICIENCY RATING	94.6
		STATUS	0
		CLASSIFICATION	
		(112) NBIS BRIDGE LENGTH	Y
		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	12
		(100) STRAHNET HIGHWAY DESIGNATION	0
		(101) PARALLEL STRUCTURE DESIGNATION	R
		(102) DIRECTION OF TRAFFIC	1
		(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	N
		(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
12 - Reinforced Concrete Deck	1- Ben.	9888	sq. ft.	9354	534	0	0
1130 - Cracking (RC and Other)		534		0	534	0	0
107 - Steel Open Girder/Beam	1- Ben.	1276	ft.	1276	0	0	0
515 - Steel Protective Coating		8544	sq. ft.	0	8544	0	0
3410 - Chalking (Steel Protective Coatings)		8544		0	8544	0	0
205 - Reinforced Concrete Column	1- Ben.	6	each	6	0	0	0
215 - Reinforced Concrete Abutment	1- Ben.	136	ft.	124	12	0	0
1130 - Cracking (RC and Other)		12		0	12	0	0
234 - Reinforced Concrete Pier Cap	1- Ben.	110	ft.	109	1	0	0
1130 - Cracking (RC and Other)		1		0	1	0	0
302 - Compression Joint Seal	1- Ben.	240	ft.	60	60	120	0
2310 - Leakage		180		0	60	120	0
311 - Movable Bearing	1- Ben.	20	each	20	0	0	0
313 - Fixed Bearing	1- Ben.	20	each	19	1	0	0
1000 - Corrosion		1		0	1	0	0
331 - Reinforced Concrete Bridge Railing	1- Ben.	352	ft.	352	0	0	0

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Pictures

PHOTO 1

Description

PHOTO 1

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Bridge Inspection Report

Pictures

PHOTO 2

Description

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Bridge Inspection Report

Sketches

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Maintenance Needs

Date Reported: 05/22/2017

Priority: C - Important

Work Code:

Deficiency Description:

Joint seals have lost bond and are leaking.

Work Description:

Date Repairs Completed:

Maintenance Comments:
