

Bridge Inspection Report

C6376
270-5 Aviation Rmp
over
LAKESHORE DRIVE



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

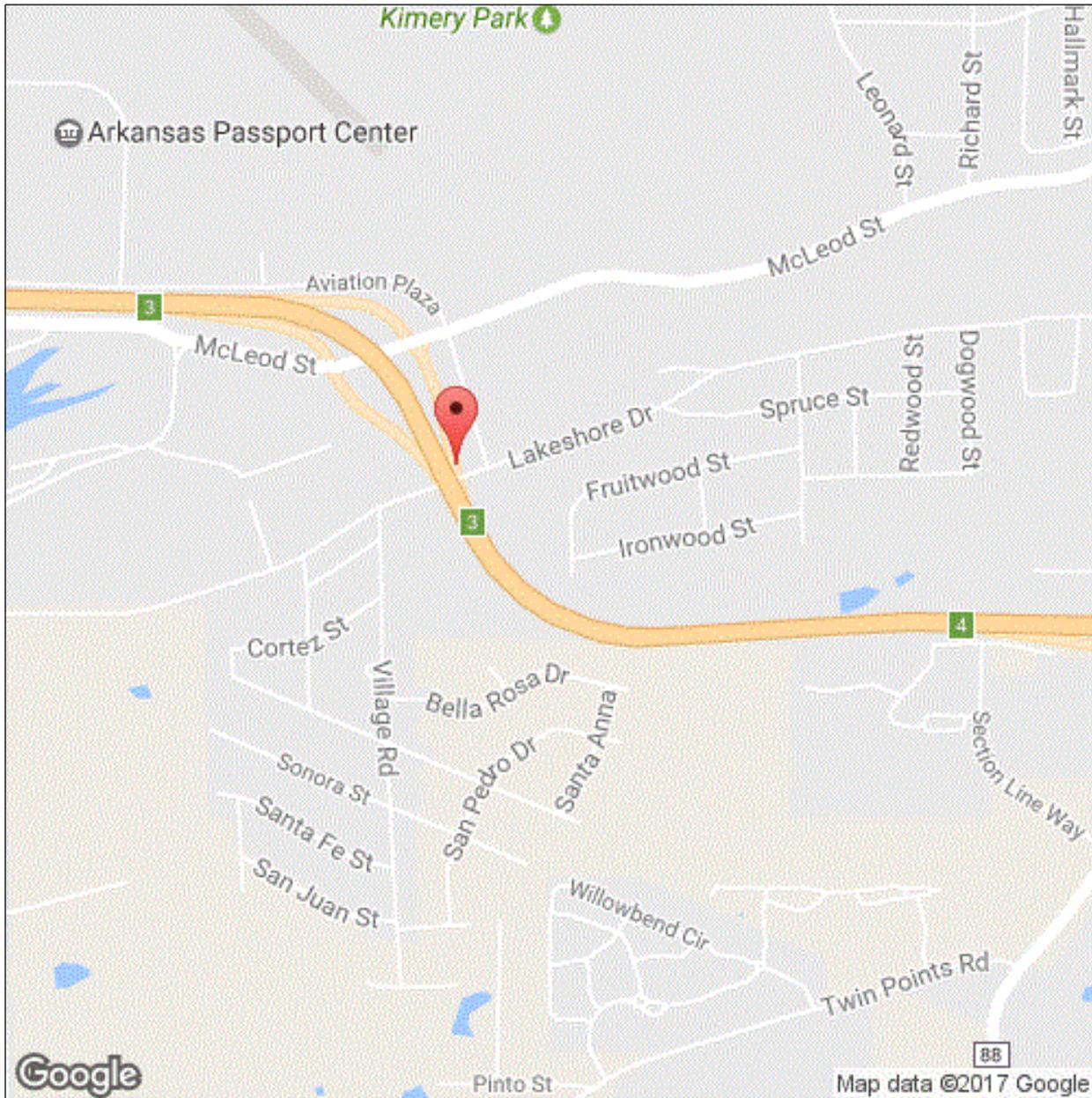
Structure Number: C6376

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Facility Carried: 270-5 Aviation Rmp

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Location Map



Latitude: 34.46850

Longitude: -93.08787

Inspector:

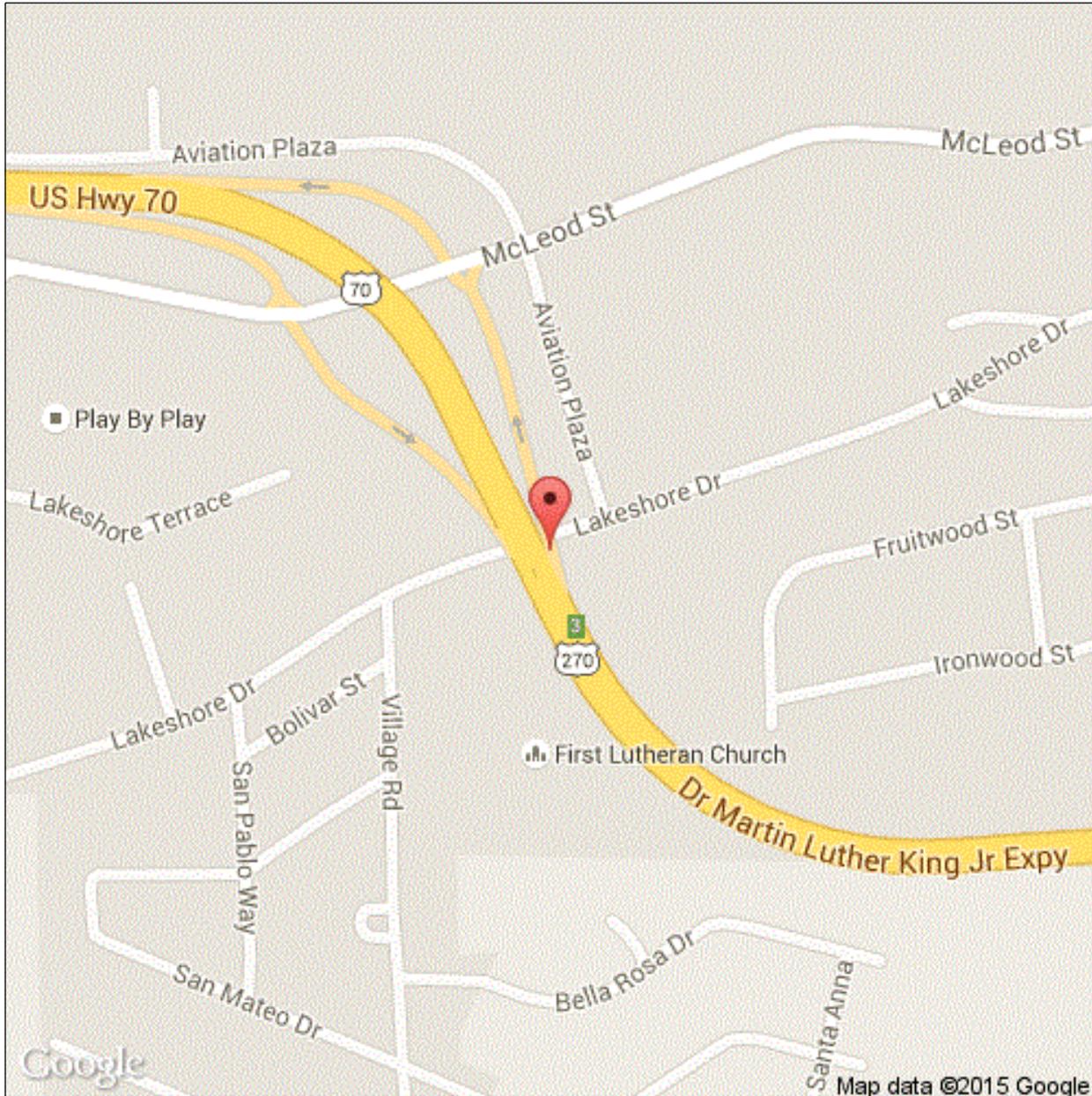
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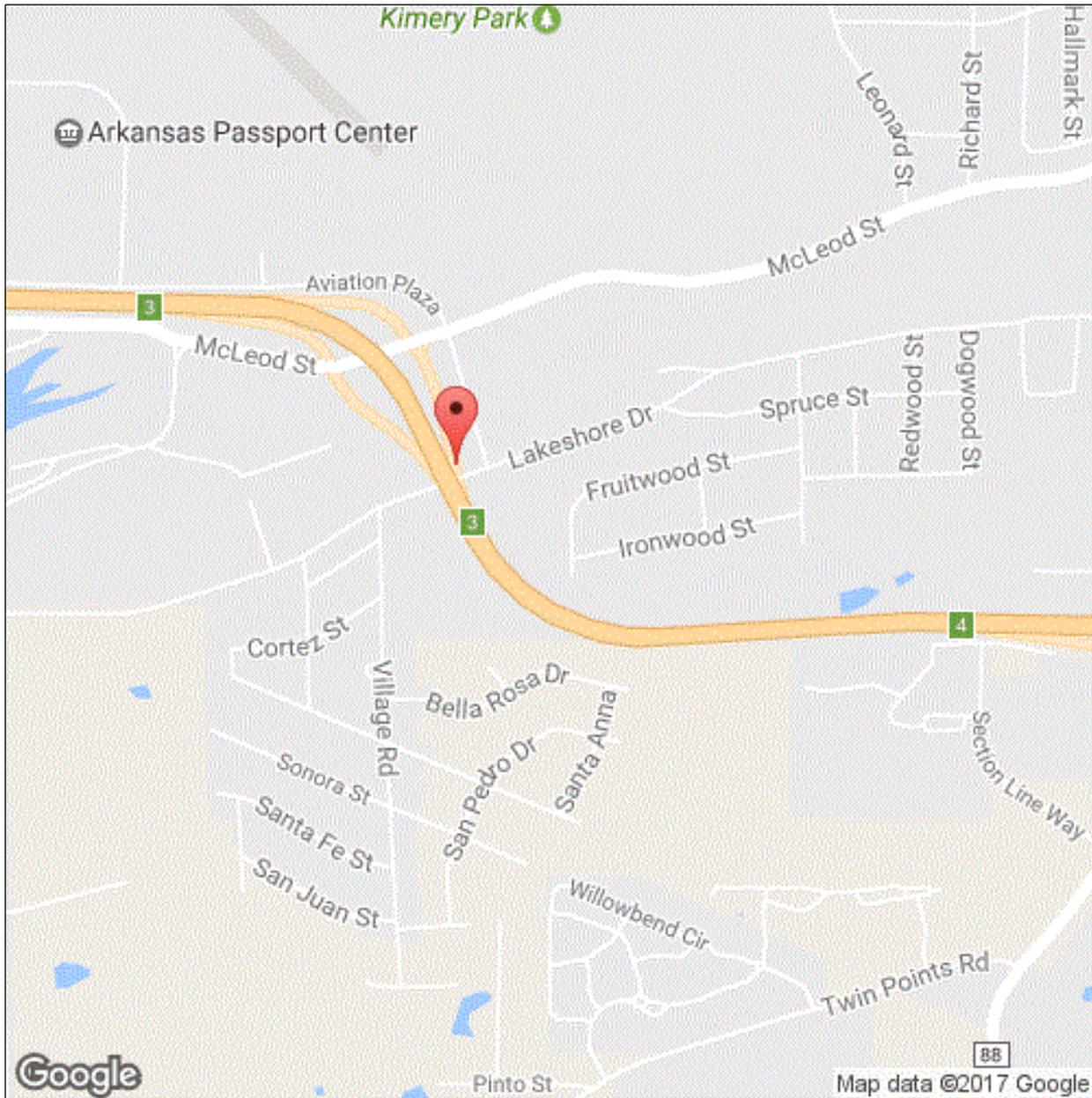
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Executive Summary

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	C6376			(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	2	7 270 4	(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 DRIVE			C. OTHER SPECIAL	N		
(7) FACILITY CARRIED	270-5 Aviation Rmp			CONDITION			
(9) LOCATION	1.7 MI WEST SH 7			(58) DECK	7		
(11) MILEPOINT 21.190	(12) BASE HIGHWAY NETWORK 1			(59) SUPERSTRUCTURE 7	(60) SUBSTRUCTURE 7		
(13A) LRS INVENTORY ROUTE	0000270050	(13B) SUBROUTE NUMBER 00		(61) CHANNEL & CHANNEL PROTECTION	N (62) CULVERT N		
(16) LATITUDE	34.46850	(17) LONGITUDE -93.08787		LOAD RATING AND POSTING			
(98A) BORDER BRIDGE CODE				(31) DESIGN LOAD	5		
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT			(63) METHOD USED TO DETERMINE OPERATING RATING	1		
STRUCTURE TYPE AND MATERIAL				(64) OPERATING RATING	60.0		
(43) STRUCTURE TYPE, MAIN				(65) METHOD USED TO DETERMINE INVENTORY RATING	1		
A) KIND OF MATERIAL/DESIGN:	3 - Steel			(66) INVENTORY RATING	36.0		
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder			(70) BRIDGE POSTING	5		
(44) STRUCTURE TYPE, APPROACH SPANS				(41) STRUCTURE OPEN/POSTED/CLOSED	A		
A) KIND OF MATERIAL/DESIGN:	0 - Other			APPRAISAL			
B) TYPE OF DESIGN/CONSTR:	00 - Other			(67) STRUCTURAL EVALUATION	7		
(45) NUMBER OF SPANS IN MAIN	2	(46) NUMBER OF APPROACH		0	(68) DECK GEOMETRY	7	
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE		1	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	7	
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION		1	(71) WATERWAY ADEQUACY	N	
AGE OF SERVICE				(72) APPROACH ROADWAY ALIGNMENT	8		
(27) YEAR BUILT	1992	(106) YEAR RECONSTRUCTED		0000	(36) TRAFFIC SAFETY FEATURE		
(42) TYPE OF SERVICE	ON 1	UNDER		1	36A) BRIDGE RAILINGS:	1	
(28) LANES	ON 01	UNDER		02	36B) TRANSITIONS:	0	
(29) AVERAGE DAILY TRAFFIC	16612	(19) BYPASS DETOUR LENGTH		1	36C) APPROACH GUARDRAIL:	0	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014				36D) APPROACH GUARDRAIL ENDS:	0	
(109) AVERAGE DAILY TRUCK TRAFFIC	1				(113) SCOUR CRITICAL BRIDGES	N	
GEOMETRIC DATA				SUFFICIENCY RATING	96.4	STATUS 0	
(48) LENGTH OF MAX SPAN (ft.)	80	(49) STRUCTURE LENGTH (ft.)		120	CLASSIFICATION		
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT		0	(112) NBIS BRIDGE LENGTH	Y	
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)				24.9	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1	
(52) DECK WIDTH, OUT-TO-OUT (ft.)				27.8	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	12	
(32) APPROACH ROADWAY WIDTH (ft.)				24.9	(100) STRAHNET HIGHWAY DESIGNATION	0	
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)		3	(101) PARALLEL STRUCTURE DESIGNATION	N	
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)		99.99	(102) DIRECTION OF TRAFFIC	1	
(47) TOTAL HORIZONTAL CLEARANCE (ft.)				26.2	(103) TEMP STRUCTURE		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)				99.99	(105) FEDERAL LANDS HIGHWAYS	0	
(54) VERTICAL UNDER CLEARANCE (ft.)			H	16.92	(110) DESIGNATED NATIONAL NETWORK	1	
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)			H	27.8	(20) TOLL	3	
(56) MIN LATERAL UNDER CLEARANCE (ft.)			28		(21) MAINTENANCE RESPONSIBILITY	01	
PROPOSED IMPROVEMENTS				(22) OWNER	01		
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY			(37) HISTORICAL	5		
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)				0	NAVIGATION DATA		
(94) BRIDGE IMPROVEMENT COST (\$)				0	(38) NAVIGATION CONTROL	N	
(95) ROADWAY IMPROVEMENT COST (\$)				0	(111) PIER OR ABUTMENT PROTECTION	1	
(96) TOTAL PROJECT COST				0	(39) NAV VERT CLEARANCE (ft.)	0	
(97) YEAR OF IMPROVEMENT COST ESTIMATE					(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0	
(114) FUTURE ADT	2750	(115) YEAR OF FUTURE ADT		2028	(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.	3320	sq. ft.	3080	240	0	0
1130 - Cracking (RC and Other)		240		0	240	0	0
107 - Steel Open Girder/Beam	1- Ben.	480	ft.	480	0	0	0

Peeling paint.

515 - Steel Protective Coating		3759	sq. ft.	0	3759	0	0
3410 - Chalking (Steel Protective Coatings)		3753		0	3753	0	0
3420 - Peeling/Bubbling/Cracking (Steel Protective Coatings)		6		0	6	0	0
205 - Reinforced Concrete Column	1- Ben.	1	each	1	0	0	0
215 - Reinforced Concrete Abutment	1- Ben.	48	ft.	44	4	0	0
1130 - Cracking (RC and Other)		4		0	4	0	0
234 - Reinforced Concrete Pier Cap	1- Ben.	27	ft.	23	4	0	0
1130 - Cracking (RC and Other)		4		0	4	0	0
302 - Compression Joint Seal	1- Ben.	89	ft.	71	18	0	0

Leaking at all bents.

2310 - Leakage		18		0	18	0	0
311 - Movable Bearing	1- Ben.	8	each	8	0	0	0
313 - Fixed Bearing	1- Ben.	8	each	8	0	0	0
331 - Reinforced Concrete Bridge Railing	1- Ben.	239	ft.	239	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