

Bridge Inspection Report

C6376

270-5 Aviation Rmp

over

LAKESHORE DRIVE



Inspection Date:

Inspected By:

Inspection Type(s):

TABLE OF CONTENTS

	PAGE NUMBER
LOCATION MAP	3
NATIONAL BRIDGE INVENTORY	7
ELEMENTS	8
PICTURES	9
SKETCHES	11

Inspector:

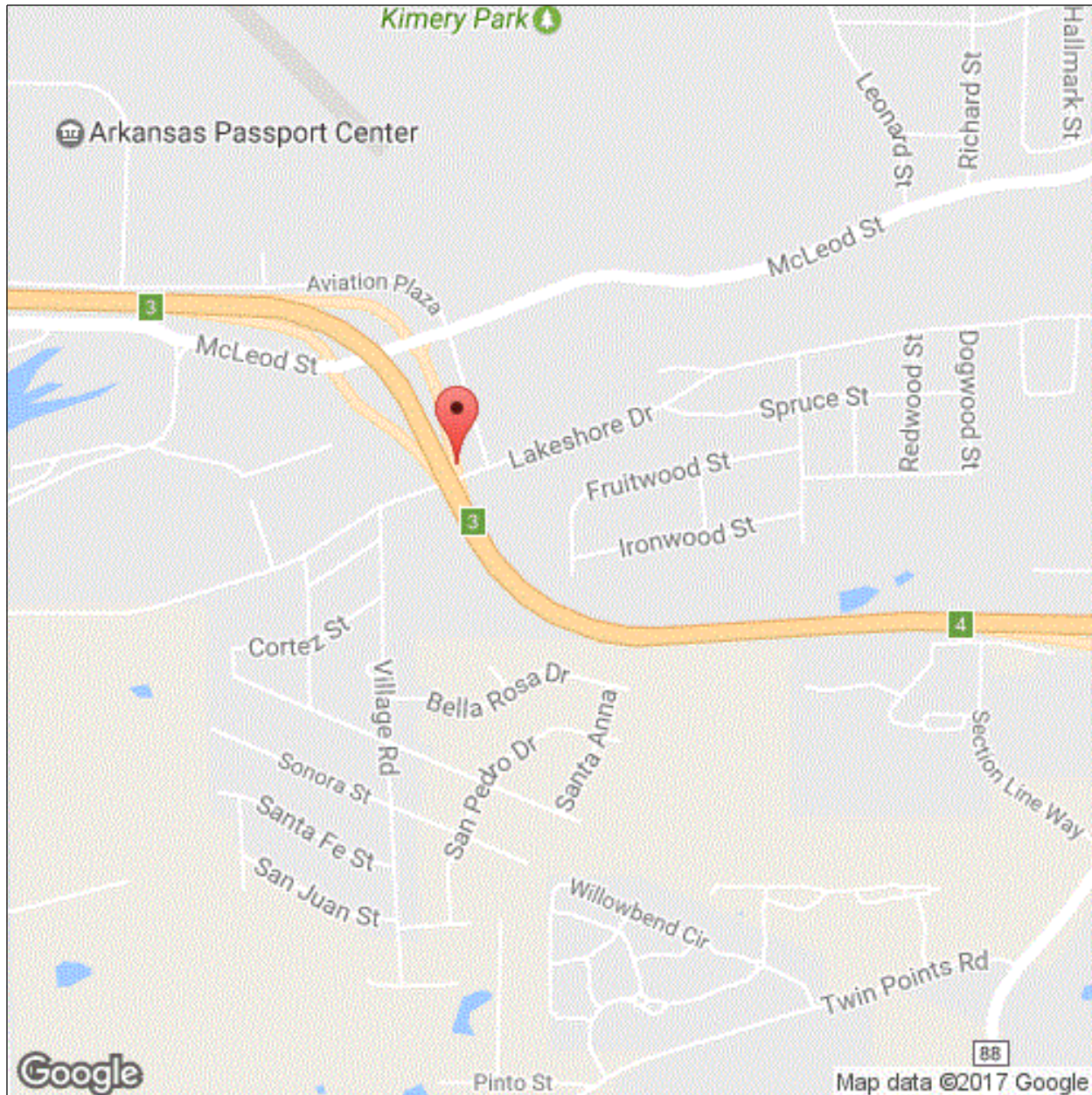
Structure Number: C6376

Inspection Date:

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

Location Map



Latitude: 34.46850

Longitude: -93.08787

Inspector:

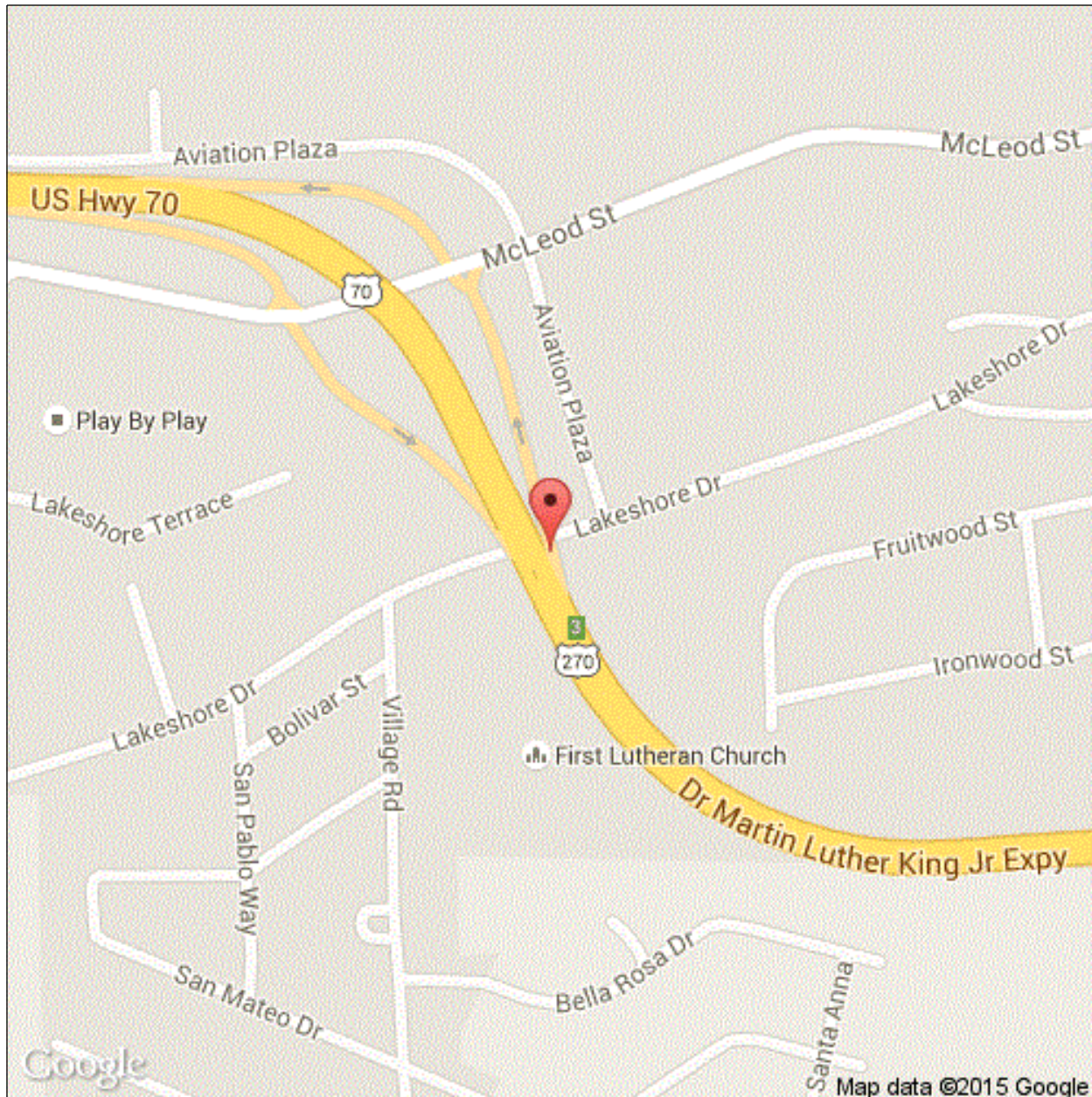
Structure Number: C6376

Inspection Date:

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

Location Map



Latitude: 34.46850

Longitude: -93.08787

Inspector:

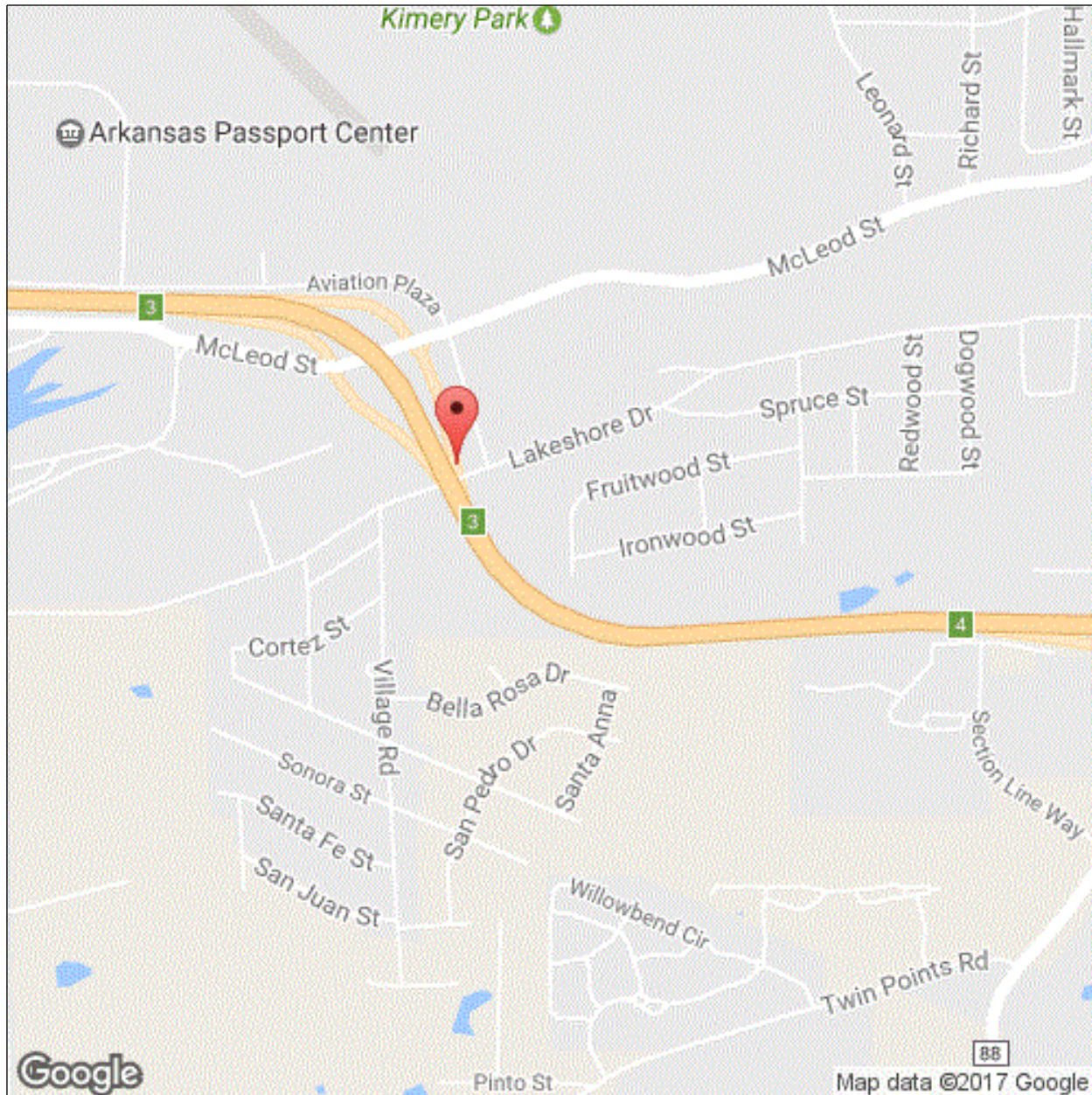
Structure Number: C6376

Inspection Date:

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

Location Map



Latitude: 34.46850

Longitude: -93.08787

Inspector:

Inspection Date:

Structure Number: C6376

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

Executive Summary

Job #R60103 DWG #31592. Logged eastbound

Inspector:

Structure Number: C6376

Inspection Date:

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

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		
(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 34.46850	(17) LONGITUDE -93.08787		
(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 2	(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 01 UNDER 02		(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 16612	(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
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 80	(49) STRUCTURE LENGTH (ft.) 120	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	7
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 24.9		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	7
(52) DECK WIDTH, OUT-TO-OUT (ft.) 27.8		(71) WATERWAY ADEQUACY	N
(32) APPROACH ROADWAY WIDTH (ft.) 24.9		(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 3	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	36A) BRIDGE RAILINGS:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.) 26.2		36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	0
(54) VERTICAL UNDER CLEARANCE (ft.) H 16.92		36D) APPROACH GUARDRAIL ENDS:	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) H 27.8		(113) SCOUR CRITICAL BRIDGES	N
(56) MIN LATERAL UNDER CLEARANCE (ft.) 28		SUFFICIENCY RATING	96.4
		STATUS	0
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	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	12
(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	1
(114) FUTURE ADT 2750	(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	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

Inspector:

Structure Number: C6376

Inspection Date:

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

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

Inspector:

Inspection Date:

Structure Number: C6376

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

Pictures

PHOTO 1

Description

PHOTO 1

Description

Inspector:

Inspection Date:

Structure Number: C6376

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

Pictures

PHOTO 2

Description

Inspector:

Inspection Date:

Structure Number: C6376

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

Sketches

Inspector:

Inspection Date:

Structure Number: C6376

Facility Carried: 270-5 Aviation Rmp

Bridge Inspection Report

Maintenance Needs