

Bridge Inspection Report

A0708
US 70 Log 2.74
over
Little Sugar Loaf Creek



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

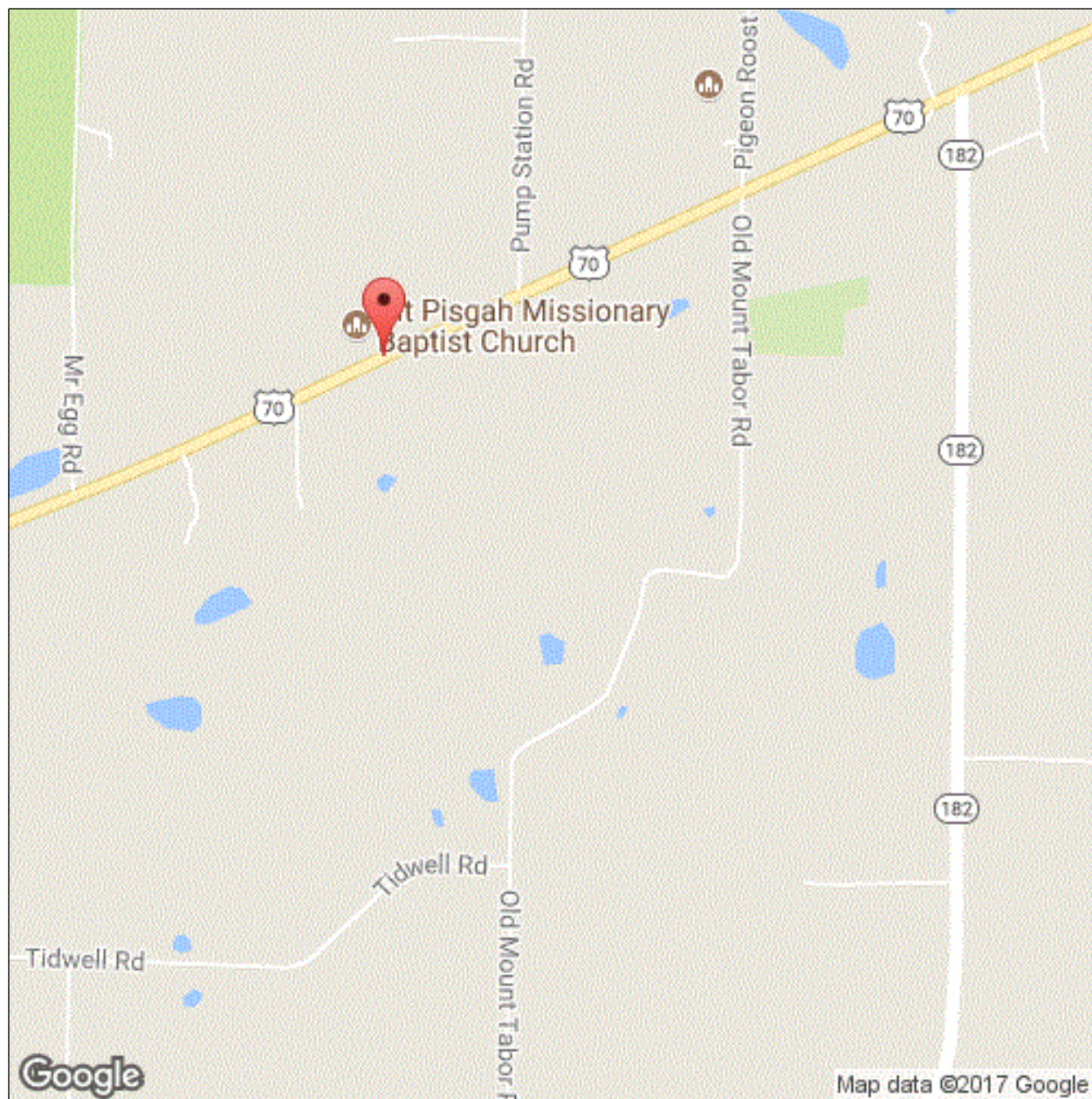
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Bridge Inspection Report

Location Map



Latitude: 34.36125

Longitude: -93.45881

Inspector:

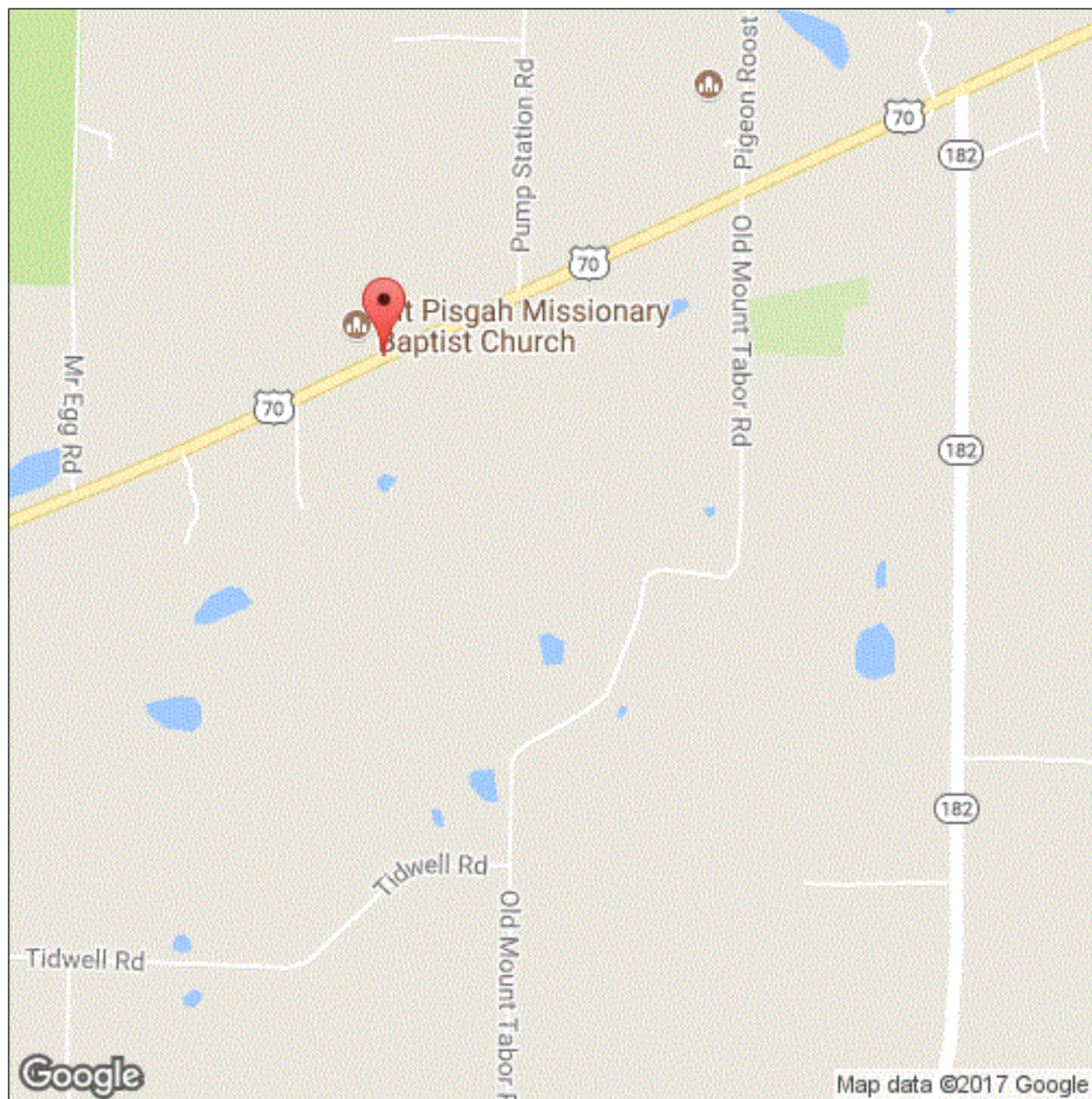
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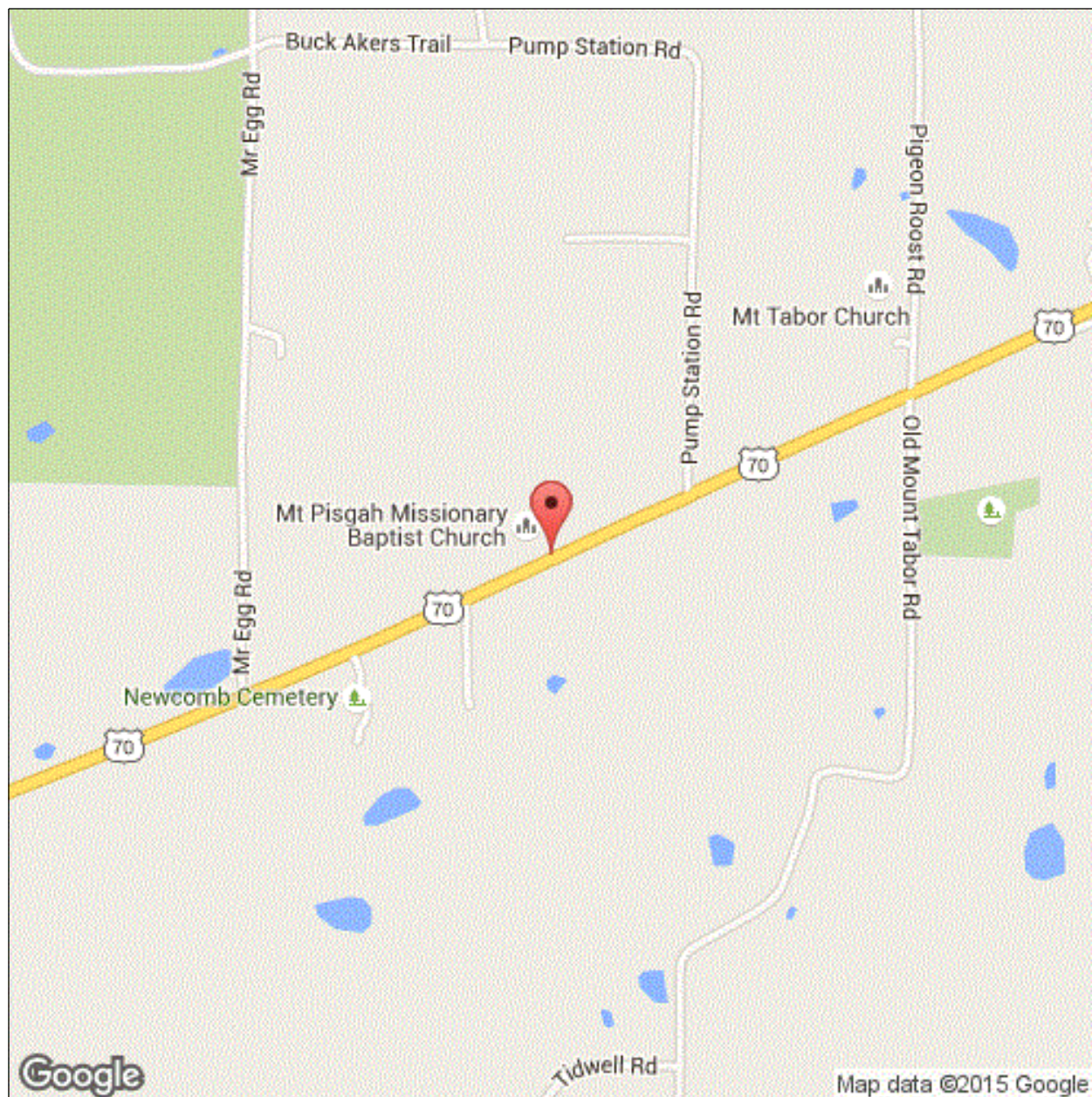
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Executive Summary

Job # 1450, drawing # 18530 is the layout sheet.

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	11/13/2017
(8) STRUCTURE NUMBER	A0708	(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	08 (3) COUNTY CODE 097	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Little Sugar Loaf Creek	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 70 Log 2.74		
(9) LOCATION	3.1 Mi W Hot Springs Co L		
(11) MILEPOINT 2.740	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000070060 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE	34.36125 (17) LONGITUDE -93.45881		
(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 (60) SUBSTRUCTURE 6
B) TYPE OF DESIGN/CONSTR: 04 - Tee Beam		(61) CHANNEL & CHANNEL PROTECTION	7 (62) CULVERT N
(44) STRUCTURE TYPE, APPROACH SPANS			
A) KIND OF MATERIAL/DESIGN: 0 - Other			
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN	1 (46) NUMBER OF APPROACH	0	
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE	6	
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	0	
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1940 (106) YEAR RECONSTRUCTED	4	
(42) TYPE OF SERVICE	ON 1 UNDER 5	(63) METHOD USED TO DETERMINE OPERATING RATING	
(28) LANES	ON 02 UNDER 00	41.0	
(29) AVERAGE DAILY TRAFFIC	4200 (19) BYPASS DETOUR LENGTH	3	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(65) METHOD USED TO DETERMINE INVENTORY RATING	
(109) AVERAGE DAILY TRUCK TRAFFIC	1	24.0	
GEOMETRIC DATA		(70) BRIDGE POSTING	
(48) LENGTH OF MAX SPAN (ft.)	34 (49) STRUCTURE LENGTH (ft.)	5	
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(41) STRUCTURE OPEN/POSTED/CLOSED	
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	29.9	A	
(52) DECK WIDTH, OUT-TO-OUT (ft.)	32.8		
(32) APPROACH ROADWAY WIDTH (ft.)	23.0		
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	0	
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	99.99	
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	31.2		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99		
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0		
PROPOSED IMPROVEMENTS		APPRAISAL	
(75A) TYPE OF WORK PROPOSED	31 (75B) WORK DONE BY	1	
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	58.0	(67) STRUCTURAL EVALUATION	
(94) BRIDGE IMPROVEMENT COST (\$)	0	5	
(95) ROADWAY IMPROVEMENT COST (\$)	265	(68) DECK GEOMETRY	
(96) TOTAL PROJECT COST	535	4	
(97) YEAR OF IMPROVEMENT COST ESTIMATE	2002	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	
(114) FUTURE ADT	6816 (115) YEAR OF FUTURE ADT	N	
	2028	(71) WATERWAY ADEQUACY	
		8	
		(72) APPROACH ROADWAY ALIGNMENT	
		8	
		(36) TRAFFIC SAFETY FEATURE	
		36A) BRIDGE RAILINGS:	
		1	
		36B) TRANSITIONS:	
		0	
		36C) APPROACH GUARDRAIL:	
		0	
		36D) APPROACH GUARDRAIL ENDS:	
		0	
		(113) SCOUR CRITICAL BRIDGES	
		8	
		SUFFICIENCY RATING	
		67.3 STATUS	
		0	
		CLASSIFICATION	
		(112) NBIS BRIDGE LENGTH	
		Y	
		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	
		0	
		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	
		06	
		(100) STRAHNET HIGHWAY DESIGNATION	
		0	
		(101) PARALLEL STRUCTURE DESIGNATION	
		N	
		(102) DIRECTION OF TRAFFIC	
		2	
		(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	
		0	
		(110) DESIGNATED NATIONAL NETWORK	
		1	
		(20) TOLL	
		3	
		(21) MAINTENANCE RESPONSIBILITY	
		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
16 - Reinforced Concrete Top Flange	1- Ben.	1123	sq. ft.	1112	11	0	0
1130 - Cracking (RC and Other)		11		0	11	0	0
510 - Wearing Surfaces		1047	sq. ft.	807	240	0	0
3220 - Crack (Wearing Surface)		240		0	240	0	0
38 - Reinforced Concrete Slab	1- Ben.	448	sq. ft.	448	0	0	0
510 - Wearing Surfaces		357	sq. ft.	0	357	0	0
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	102	ft.	94	8	0	0
Small cracks in the legs of all girders.							
1130 - Cracking (RC and Other)		8		0	8	0	0
215 - Reinforced Concrete Abutment	1- Ben.	96	ft.	87	8	1	0
Vertical cracks in both abutments							
1080 - Delamination/Spall/Patched Area		1		0	0	1	0
1130 - Cracking (RC and Other)		8		0	8	0	0
331 - Reinforced Concrete Bridge Railing	1- Ben.	85	ft.	85	0	0	0

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Pictures

PHOTO 1

Description

PHOTO 2

Description

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Bridge Inspection Report

Pictures

PHOTO 2

Description

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Sketches

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Maintenance Needs

Date Reported: 8/21/2013 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Both gutter lines have dirt & debris restricting water flow to scupper drains

Work Description:

Date Repairs Completed:

Maintenance Comments:

Assigned Garland 06261 1/3/17
Completed
