

Bridge Inspection Report

B6811
US65-19 LM 9.47 NB
over
Black Pond Slough



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

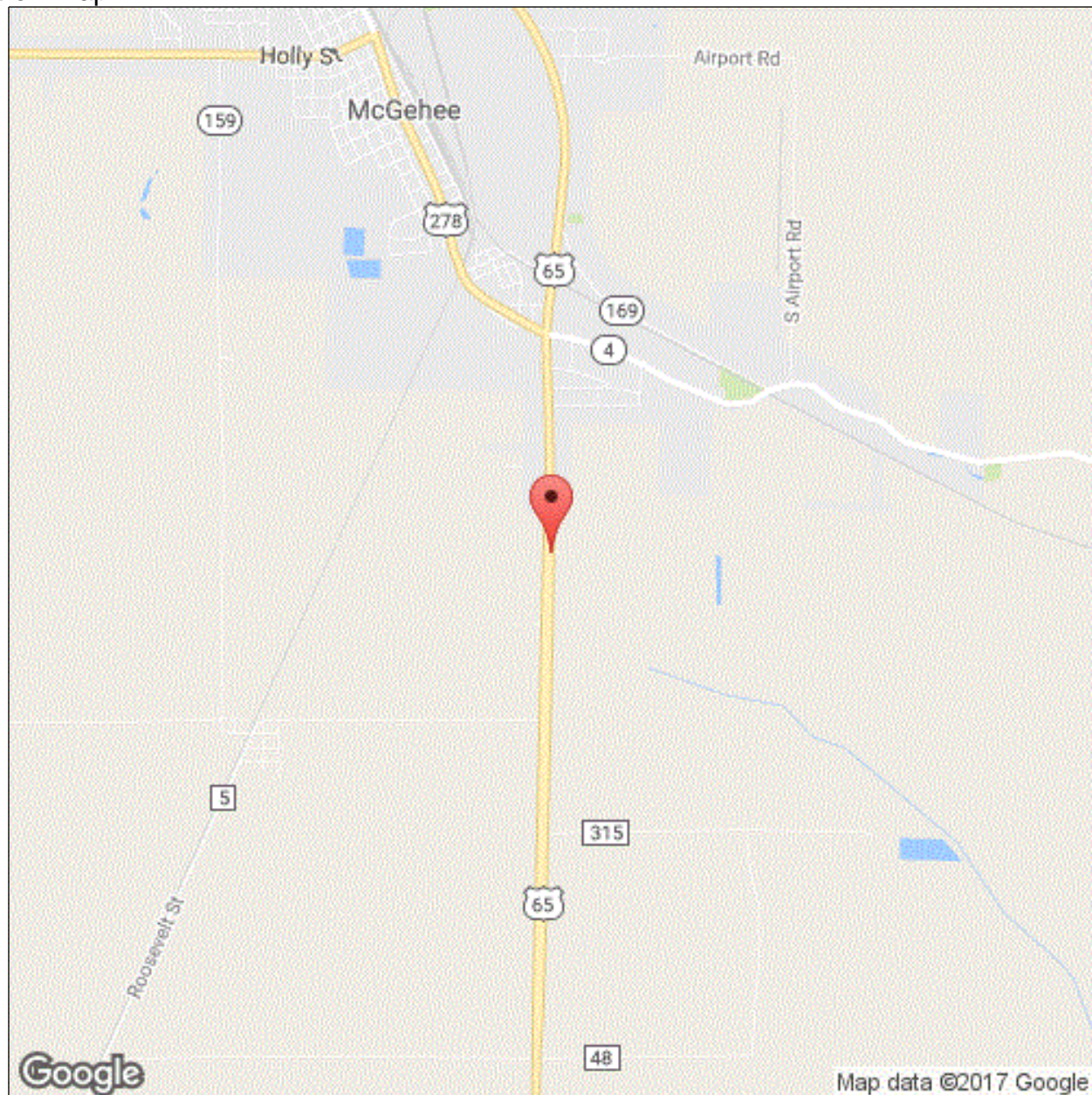
Inspection Date:

Structure Number: B6811

Facility Carried: US65-19 LM 9.47
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Bridge Inspection Report

Location Map



Latitude: 33.59642

Longitude: -91.38296

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Executive Summary

Beginning of structure toward SH 4, McGehee, North End.

Bridge 0000000000A6811 entered 2003-06-19 13:57 by userid rlw. REPLACES SB TRAFFIC OF STR.
#A2068 UNDER JOB #020239.

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04-24-2012, Updated log mile to match Tech Services data. RHB.

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	01/31/2017
(8) STRUCTURE NUMBER	B6811	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 65 1	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02	(3) COUNTY CODE	041
(4) PLACE CODE	00000	A. FRACTURE CRITICAL DETAIL	N
(6) FEATURES INTERSECTED	Black Pond Slough	B. UNDERWATER INSPECTION	N
(7) FACILITY CARRIED	US65-19 LM 9.47 NB	C. OTHER SPECIAL	N
(9) LOCATION	1.0 Mi S US 278-McGehee	CONDITION	
(11) MILEPOINT	9.470	(58) DECK	8
(12) BASE HIGHWAY NETWORK	1	(59) SUPERSTRUCTURE	8
(13A) LRS INVENTORY ROUTE	0000065190	(60) SUBSTRUCTURE	8
(13B) SUBROUTE NUMBER	00	(61) CHANNEL & CHANNEL PROTECTION	7
(16) LATITUDE	33.59642	(62) CULVERT	N
(17) LONGITUDE	-91.38296	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	8
(45) NUMBER OF SPANS IN MAIN	3	(68) DECK GEOMETRY	7
(46) NUMBER OF APPROACH	0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(107) DECK STRUCTURE TYPE	1	(71) WATERWAY ADEQUACY	8
(108A) WEARING SURFACE	1	(72) APPROACH ROADWAY ALIGNMENT	8
(108B) DECK MEMBRANE	0	(36) TRAFFIC SAFETY FEATURE	
(108C) DECK PROTECTION	1	36A) BRIDGE RAILINGS:	1
AGE OF SERVICE		36B) TRANSITIONS:	1
(27) YEAR BUILT	2003	36C) APPROACH GUARDRAIL:	1
(106) YEAR RECONSTRUCTED	0000	36D) APPROACH GUARDRAIL ENDS:	1
(42) TYPE OF SERVICE	ON 1 UNDER 5	(113) SCOUR CRITICAL BRIDGES	5
(28) LANES	ON 02 UNDER 00	SUFFICIENCY RATING	0
(29) AVERAGE DAILY TRAFFIC	4250	STATUS	94.4
(19) BYPASS DETOUR LENGTH	11	CLASSIFICATION	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(112) NBIS BRIDGE LENGTH	Y
(109) AVERAGE DAILY TRUCK TRAFFIC	13	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
GEOMETRIC DATA		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02
(48) LENGTH OF MAX SPAN (ft.)	61	(100) STRAHNET HIGHWAY DESIGNATION	2
(49) STRUCTURE LENGTH (ft.)	165	(101) PARALLEL STRUCTURE DESIGNATION	R
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(102) DIRECTION OF TRAFFIC	1
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	38.1	(103) TEMP STRUCTURE	
(52) DECK WIDTH, OUT-TO-OUT (ft.)	40.9	(105) FEDERAL LANDS HIGHWAYS	0
(32) APPROACH ROADWAY WIDTH (ft.)	36.1	(110) DESIGNATED NATIONAL NETWORK	1
(33) BRIDGE MEDIAN	0	(20) TOLL	3
(34) SKEW (DEG.)	35	(21) MAINTENANCE RESPONSIBILITY	01
(35) STRUCTURE FLARED	0	(22) OWNER	01
(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	(37) HISTORICAL	5
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	39.0	NAVIGATION DATA	
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.90	(38) NAVIGATION CONTROL	0
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(111) PIER OR ABUTMENT PROTECTION	5
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 0	(39) NAV VERT CLEARANCE (ft.)	0
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
PROPOSED IMPROVEMENTS		(40) NAV HORIZONTAL CLEARANCE (ft.)	0
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY		
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0		
(94) BRIDGE IMPROVEMENT COST (\$)	0		
(95) ROADWAY IMPROVEMENT COST (\$)	0		
(96) TOTAL PROJECT COST	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(114) FUTURE ADT	4155		
(115) YEAR OF FUTURE ADT	2028		

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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.	6748	sq. ft.	6748			
	Deck: 40.9' wide x 165' long = 6,748 sqft. A couple of very light longitudinal cracks in all spans.						
107 - Steel Open Girder/Beam	1- Ben.	990	ft.	990			
	Girders: 6 per span / Spans 1-3 (50' - 62' - 50') 162' total. Coating: W27x129 (60.5' x 6.92); W27x84 (41' x 6.78); W27x129 (60.5' x 6.92) = 6692 sqft total.						
515 - Steel Protective Coating		6692	sq. ft.	6692			
215 - Reinforced Concrete Abutment	1- Ben.	112	ft.	112			
	Abutments: 56' each (skewed) / Bents 1 & 4. Typical scattered longitudinal cracks across top of backwalls, becoming vertical with light efflorescence behind ends of girders.						
227 - Reinforced Concrete Pile	1- Ben.	14	each	14			
	Piling: 7 per bent / Bents 2 & 3.						
234 - Reinforced Concrete Pier Cap	1- Ben.	112	ft.	112			
	Caps: 56' each (skewed) / Bents 2 & 3.						
302 - Compression Joint Seal	1- Ben.	108	ft.	108			
	Joints: 54' each (skewed) / Bents 1 & 4.						
310 - Elastomeric Bearing	1- Ben.	24	each	18	6	0	0
	Bearings: 6 per bent / Bents 1-4. Bents 1 & 4 : Significant tilt/twist toward backwalls, most noticeable at Bent 1 left (Bearings 1-3) and Bent 4 right (Bearings 4-6).						
2220 - Alignment		6			6		
331 - Reinforced Concrete Bridge Railing	1- Ben.	330	ft.	330			
	Railing: 165' each side. Some map cracking, close to top of wall with small amount of efflorescence visible.						

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Maintenance Needs

Date Reported: 01/31/2017

Priority: C - Important

Work Code: N/A

Deficiency Description:

Sign - Bent 4 left: No log mile sign - object marker and post in place.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 3/26/2009 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code: N/A

Deficiency Description:

CORRECTED - Bent 4 Bearing 1: Anchor nut missing.

Work Description:

GGL-KLR: No noted missing nuts.

Date Repairs Completed: 01/31/2017

Maintenance Comments:

