

# Bridge Inspection Report

**A6811**  
**US65-19 LM 9.46 SB**  
**over**  
**Black Pond Slough**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

Inspector:

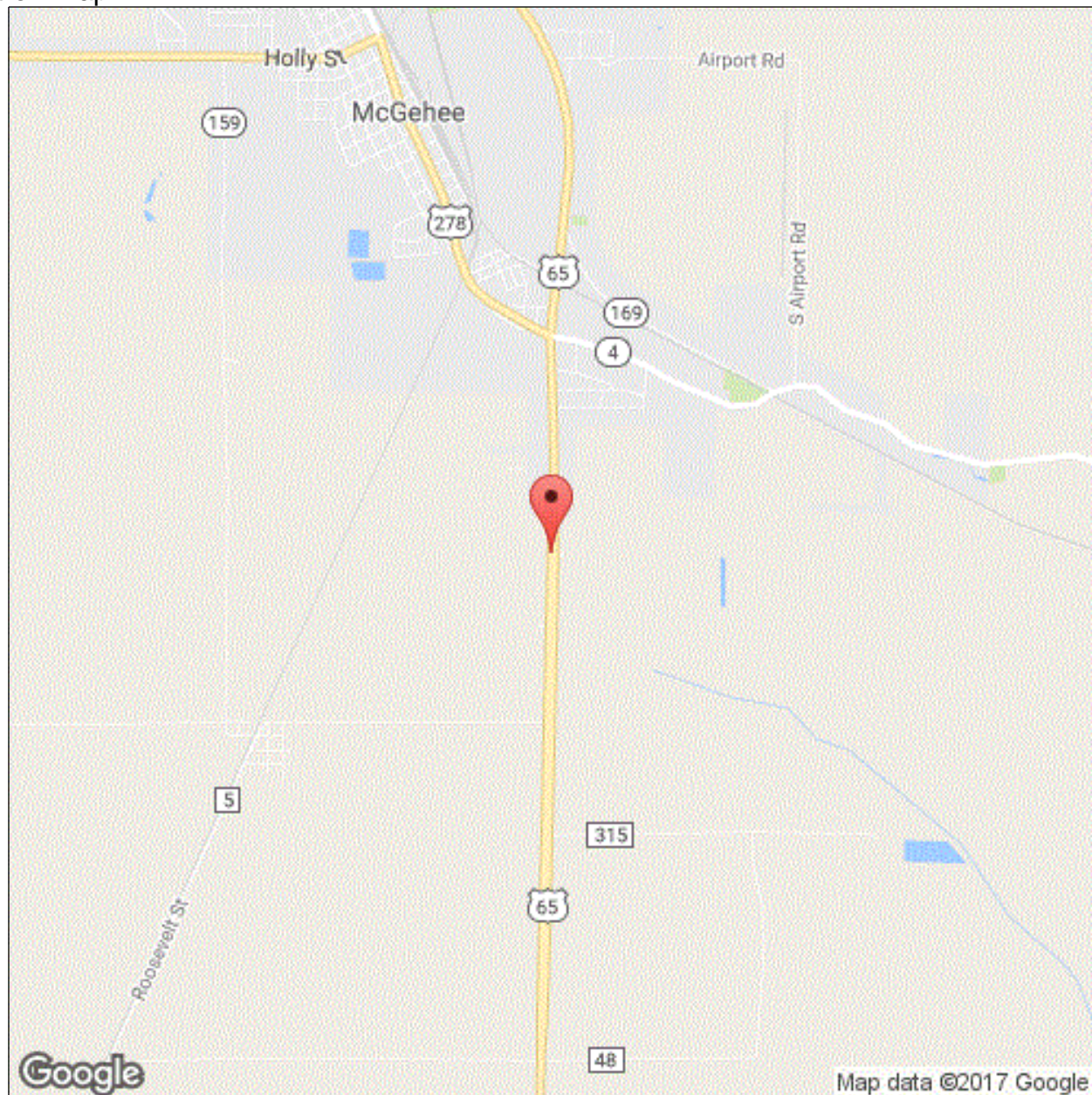
Inspection Date:

Structure Number: A6811

Facility Carried: US65-19 LM 9.46  
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### Bridge Inspection Report

#### Location Map



Latitude: 33.59666

Longitude: -91.38322

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#### Executive Summary

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

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

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	A6811	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 65 3	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02 (3) COUNTY CODE 041	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Black Pond Slough	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US65-19 LM 9.46 SB	CONDITION	
(9) LOCATION	1.0 Mi S US 278-McGehee	(58) DECK	7
(11) MILEPOINT 9.460	(12) BASE HIGHWAY NETWORK 1	(59) SUPERSTRUCTURE	8 (60) SUBSTRUCTURE 8
(13A) LRS INVENTORY ROUTE	0000065190 (13B) SUBROUTE NUMBER 00	(61) CHANNEL & CHANNEL PROTECTION	7 (62) CULVERT N
(16) LATITUDE 33.59666	(17) LONGITUDE -91.38322	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 (46) NUMBER OF APPROACH	(68) DECK GEOMETRY	7
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	(71) WATERWAY ADEQUACY	8
AGE OF SERVICE		(72) APPROACH ROADWAY ALIGNMENT	8
(27) YEAR BUILT	2003 (106) YEAR RECONSTRUCTED	(36) TRAFFIC SAFETY FEATURE	
(42) TYPE OF SERVICE	ON 1 UNDER 5	36A) BRIDGE RAILINGS:	1
(28) LANES	ON 02 UNDER 00	36B) TRANSITIONS:	1
(29) AVERAGE DAILY TRAFFIC	4250 (19) BYPASS DETOUR LENGTH	36C) APPROACH GUARDRAIL:	1
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	36D) APPROACH GUARDRAIL ENDS:	1
(109) AVERAGE DAILY TRUCK TRAFFIC	1	(113) SCOUR CRITICAL BRIDGES	5
GEOMETRIC DATA		SUFFICIENCY RATING	0 STATUS 94.4
(48) LENGTH OF MAX SPAN (ft.)	61 (49) STRUCTURE LENGTH (ft.)	CLASSIFICATION	
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(112) NBIS BRIDGE LENGTH	Y
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	38.1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(52) DECK WIDTH, OUT-TO-OUT (ft.)	40.9	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02
(32) APPROACH ROADWAY WIDTH (ft.)	36.1	(100) STRAHNET HIGHWAY DESIGNATION	2
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(101) PARALLEL STRUCTURE DESIGNATION	L
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	(102) DIRECTION OF TRAFFIC	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	39.0	(103) TEMP STRUCTURE	
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.90	(105) FEDERAL LANDS HIGHWAYS	0
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(110) DESIGNATED NATIONAL NETWORK	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 0	(20) TOLL	3
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(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	0
(95) ROADWAY IMPROVEMENT COST (\$)	0	(111) PIER OR ABUTMENT PROTECTION	5
(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	4155 (115) YEAR OF FUTURE ADT	(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.	6748	sq. ft.	0	6748	0	0
	Deck: 40.9' wide x 165' long = 6,748 sqft. Very light map cracking throughout deck with some very light longitudinal cracks up to 0.015 inch at various locations.						
1130 - Cracking (RC and Other)		6748			6748		
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. The outside of outer two girders is brown with a granular texture all others are orange to light brown.						
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. Endslope - Bent 4: Settlement has exposed the bottom of abutment with no scour present.						
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	24			
	Bearings: 6 per bent / Bents 1-4.						
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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Bridge Inspection Report

**Maintenance Needs**

Date Reported: 2/8/2011 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code: N/A

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Deficiency Description:

CORRECTED - Abutment 1, - Girder 6.  
Missing.Anchor nut missing.

Work Description:

GG-KLR: No noted missing nuts.

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Date Repairs Completed: 01/31/2017

Maintenance Comments:

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Date Reported: 2/8/2011 12:00:00 AM

Priority: C - Important

Work Code: N/A

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Deficiency Description:

Signs - Bent 1 right: No log mile sign - object marker and post in place.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Inspector:

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### Bridge Inspection Report

#### Maintenance Needs

Date Reported: 1/14/2015 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code: N/A

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#### Deficiency Description:

Endslopes - Spans 1 & 3: Both sides have vines and vegetation growing under bridge.

#### Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Stage: Monitor



PHOTO 1    Description    Endslope - Span 3 right (vegetation)

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**Maintenance Needs**

Date Reported: 1/14/2015 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code: N/A

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Deficiency Description:

CORRECTED - Both ends of bridge Route and section markers missing.

Work Description:

GGL-KLR: Reported in other maintenance need.

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Date Repairs Completed: 01/31/2017

Maintenance Comments:

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