

Bridge Inspection Report

06932
SH 1-01 LM 7.91
over
Coon Bayou



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

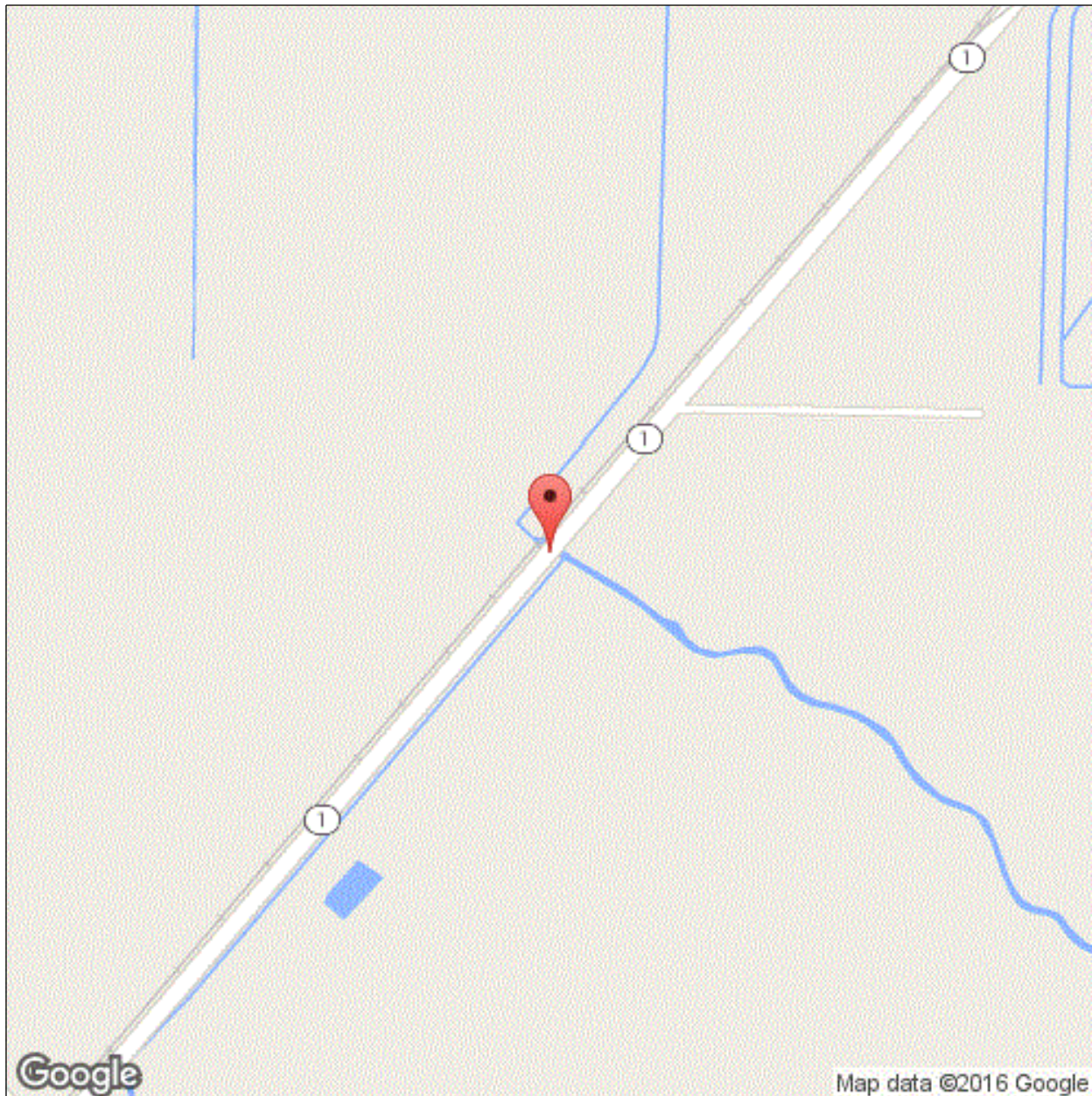
Structure Number: 06932

Inspection Date:

Facility Carried: SH 1-01 LM 7.91

Bridge Inspection Report

Location Map



Latitude: 33.713431505662925

Longitude: -91.31137950115738

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Executive Summary

Bridge 000000000006932 entered 2004-12-10 13:37 by userid rlwULT UNDER JOB # 020045, FAP #BRN-0021(23).

Opened to traffic 12-10-2004.

Beginning of structure toward US 65, McGehee, Southwest End.

03-10-2008, Dropping UW inspection due to sub-str. elements are not continuously submerged. RLW.

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	01/31/2018
(8) STRUCTURE NUMBER	06932	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 1 0	(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	Coon Bayou	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 1-01 LM 7.91		
(9) LOCATION	7.91 Mi NE US 65-McGehee		
(11) MILEPOINT 7.910	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 33.713431505662925	(17) LONGITUDE -91.31137950115738		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	8
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(59) SUPERSTRUCTURE	8
B) TYPE OF DESIGN/CONSTR: 04 - Tee Beam		(60) SUBSTRUCTURE	8
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	7
A) KIND OF MATERIAL/DESIGN: 0 - Other		(62) CULVERT	N
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN 3	(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 2004	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	4
(42) TYPE OF SERVICE ON 1 UNDER 5		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 02 UNDER 00		(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 1700	(19) BYPASS DETOUR LENGTH 30	(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 10		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 30	(49) STRUCTURE LENGTH (ft.) 90	(67) STRUCTURAL EVALUATION	8
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	7
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 40.0		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 42.8		(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.) 40.0		(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0 (34) SKEW (DEG.) 0		(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.) 41.3		36B) TRANSITIONS:	1
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.90		36C) APPROACH GUARDRAIL:	1
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING	96.1
		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.)		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(95) ROADWAY IMPROVEMENT COST (\$)		(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST		(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	2
		(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	0
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	01
		(22) OWNER	01
		(37) HISTORICAL	5
		NAVIGATION DATA	
		(38) NAVIGATION CONTROL	0
		(111) PIER OR ABUTMENT PROTECTION	5
		(39) NAV VERT CLEARANCE (ft.)	0
		(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0

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(114) FUTURE ADT 1731

(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
16 - Reinforced Concrete Top Flange	1- Ben.	3852	sq. ft.	3821	31	0	0
	Deck: 42.8' x 90' Unsealed, hairline- to minor-sized longitudinal cracks, mainly just in right of centerline of Spans 1 & 2. Sofitel has some small cracks with light efflorescence various locations.						
1120 - Efflorescence/Rust Staining		9			9		
1130 - Cracking (RC and Other)		22			22		
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	450	ft.	450			
	Girders: 5 each at 90'						
215 - Reinforced Concrete Abutment	1- Ben.	86	ft.	86			
	Abutments: 43' each bents 1 & 4. Some minor staining at key ways.						
227 - Reinforced Concrete Pile	1- Ben.	12	each	12			
	Pile: 6 each bents 2-3.						
234 - Reinforced Concrete Pier Cap	1- Ben.	84	ft.	84			
	Caps: 42' each bents 2-3						
301 - Pourable Joint Seal	1- Ben.	84	ft.	49	35	0	0
	Joints seals : 42' each Bents 2 & 3: Poured joint material is intact, but is losing adhesion in many places.						
2320 - Seal Adhesion		35			35		
331 - Reinforced Concrete Bridge Railing	1- Ben.	180	ft.	180			
	Rail: 90' each side.						

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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: 01/19/2016

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Joints - Bents 2 & 3: Poured joint material is intact, but is losing adhesion in many places.

Work Description:

Date Repairs Completed:

Maintenance Comments:

clean, and re-attach joint material

Stage: Open



PHOTO 1 Description Joint - Bent 2 (material losing adhesion)