

Bridge Inspection Report

M0416
US 63-14 LM 7.39
over
Creek (Old pond)



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

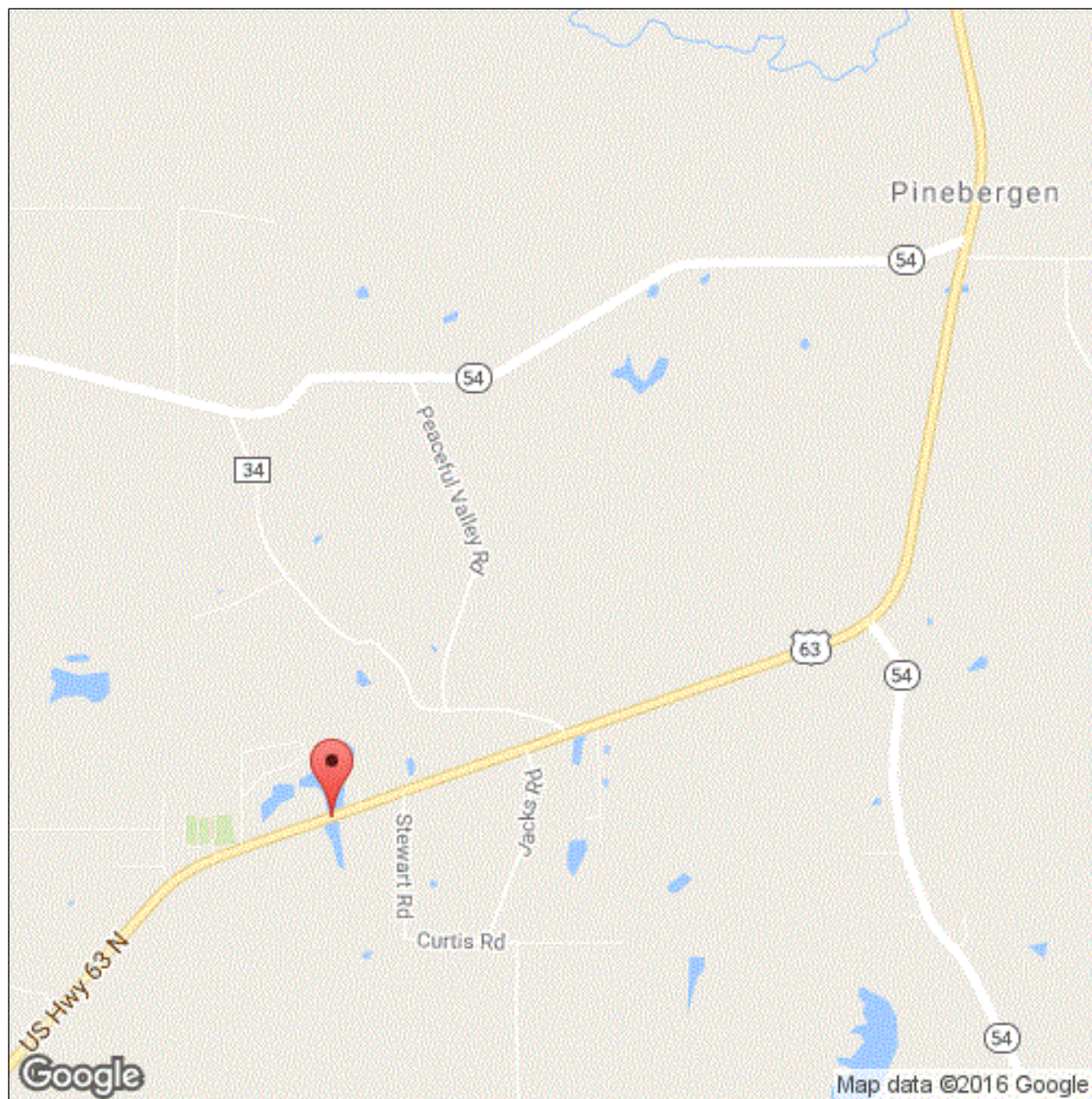
Structure Number: M0416

Inspection Date:

Facility Carried: US 63-14 LM 7.39

Bridge Inspection Report

Location Map



Latitude: 34.08246334540568

Longitude: -92.01770535813438

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Executive Summary

Bridge is logged from northeast to southwest.

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	10/30/2018
(8) STRUCTURE NUMBER	M0416	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 63 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02	(3) COUNTY CODE	069
(4) PLACE CODE	00000	A. FRACTURE CRITICAL DETAIL	N
(6) FEATURES INTERSECTED	Creek (Old pond)	B. UNDERWATER INSPECTION	N
(7) FACILITY CARRIED	US 63-14 LM 7.39	C. OTHER SPECIAL	N
(9) LOCATION	1.9 Mi N Cleveland Co		
(11) MILEPOINT	7.390	(12) BASE HIGHWAY NETWORK	1
(13A) LRS INVENTORY ROUTE	0000063140	(13B) SUBROUTE NUMBER	00
(16) LATITUDE	34.08246334540568	(17) LONGITUDE	-92.01770535813438
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	N
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(59) SUPERSTRUCTURE	N
B) TYPE OF DESIGN/CONSTR:	19 - Culvert (includes frame culverts)	(60) SUBSTRUCTURE	N
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	8
A) KIND OF MATERIAL/DESIGN:	0 - Other	(62) CULVERT	8
B) TYPE OF DESIGN/CONSTR:	00 - Other		
(45) NUMBER OF SPANS IN MAIN	2	(46) NUMBER OF APPROACH	0
(107) DECK STRUCTURE TYPE	N	(108A) WEARING SURFACE	N
(108B) DECK MEMBRANE	N	(108C) DECK PROTECTION	N
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1934	(106) YEAR RECONSTRUCTED	2001
(42) TYPE OF SERVICE	ON 1 UNDER 5	(31) DESIGN LOAD	2
(28) LANES	ON 02 UNDER 00	(63) METHOD USED TO DETERMINE OPERATING RATING	1
(29) AVERAGE DAILY TRAFFIC	4100	(64) OPERATING RATING	33
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(109) AVERAGE DAILY TRUCK TRAFFIC	1	(66) INVENTORY RATING	20
		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.)	10	(49) STRUCTURE LENGTH (ft.)	22
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(67) STRUCTURAL EVALUATION	5
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	0.0	(68) DECK GEOMETRY	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(32) APPROACH ROADWAY WIDTH (ft.)	43.0	(71) WATERWAY ADEQUACY	8
(33) BRIDGE MEDIAN	0	(72) APPROACH ROADWAY ALIGNMENT	8
(34) SKEW (DEG.)	0	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED	0	36A) BRIDGE RAILINGS:	0
(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	36B) TRANSITIONS:	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	99.9	36C) APPROACH GUARDRAIL:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	36D) APPROACH GUARDRAIL ENDS:	0
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(113) SCOUR CRITICAL BRIDGES	8
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	SUFFICIENCY RATING	70.5
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	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	0
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(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	2
(114) FUTURE ADT	5827	(103) TEMP STRUCTURE	
(115) YEAR OF FUTURE ADT	2028	(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
		(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
241 - Reinforced Concrete Culvert	1- Ben.	124	ft.	124	0	0	0
Box culvert: 2 barrels (7' tall x 10' wide x 62' long). Some minor leakage at construction joints of extensions - left & right sides. Barrel 2 - near centerline: Build-up of sticks, limbs, dirt, and other debris across bottom of barrel (3' tall - almost 50% blockage).							

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Pictures

PHOTO 1

Description

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Sketches

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Bridge Inspection Report

Maintenance Needs

Date Reported: 11/8/2012 12:00:00 AM

Priority: D - Routine

Work Code: N/A

Deficiency Description:

Channel – left (inlet) end: Build-up of sticks, limbs, and other debris on top of end protection bars.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Channel - left end (debris build-up)

Stage: Monitor



PHOTO 2 Description Left side view

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Date Reported: 11/8/2012 12:00:00 AM

Priority: D - Routine

Work Code: N/A

Deficiency Description:

Barrel 2 – near centerline: Build-up of sticks, limbs, dirt, and other debris across bottom of barrel (2' tall – about 25% blockage).

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Channel - Barrel 2 (silt build-up)

Inspector:

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Maintenance Needs

Date Reported: 11/19/2014 12:00:00 AM

Priority: D - Routine

Work Code: N/A

Deficiency Description:

Roadway slope – left side: Several trees/small bushes growing up just behind wingwalls.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Roadway slope - left side (vegetation)

Stage: Monitor



PHOTO 2 Description Left side view