

Bridge Inspection Report

04381

**CR 47-C(Rogers Ch)
over
BRIDGER CREEK**



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

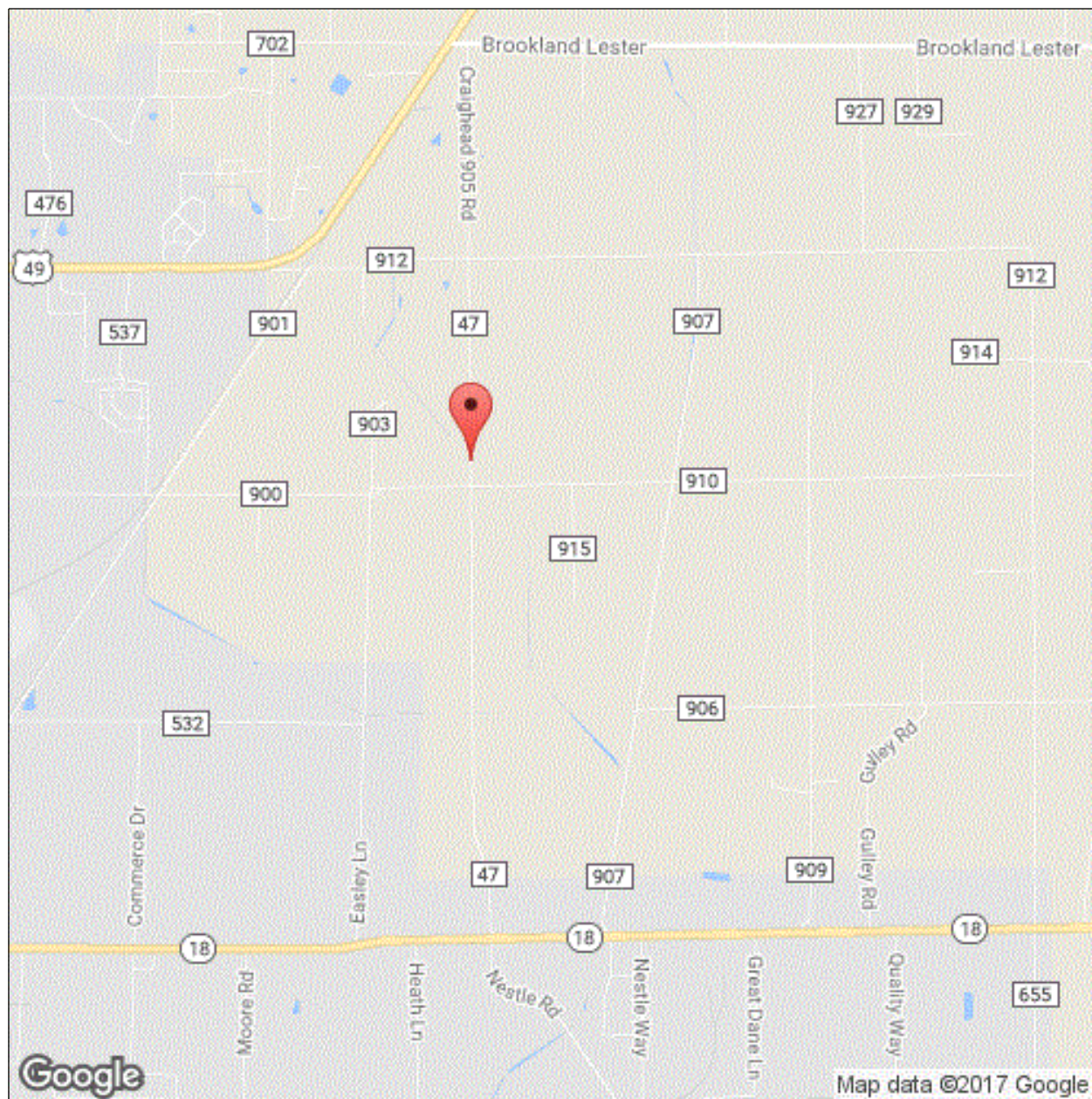
Structure Number: 04381

Inspection Date:

Facility Carried: CR 47-C(Rogers Ch)

Bridge Inspection Report

Location Map



Latitude: 35.851919341508584

Longitude: -90.59759267386016

Inspector:

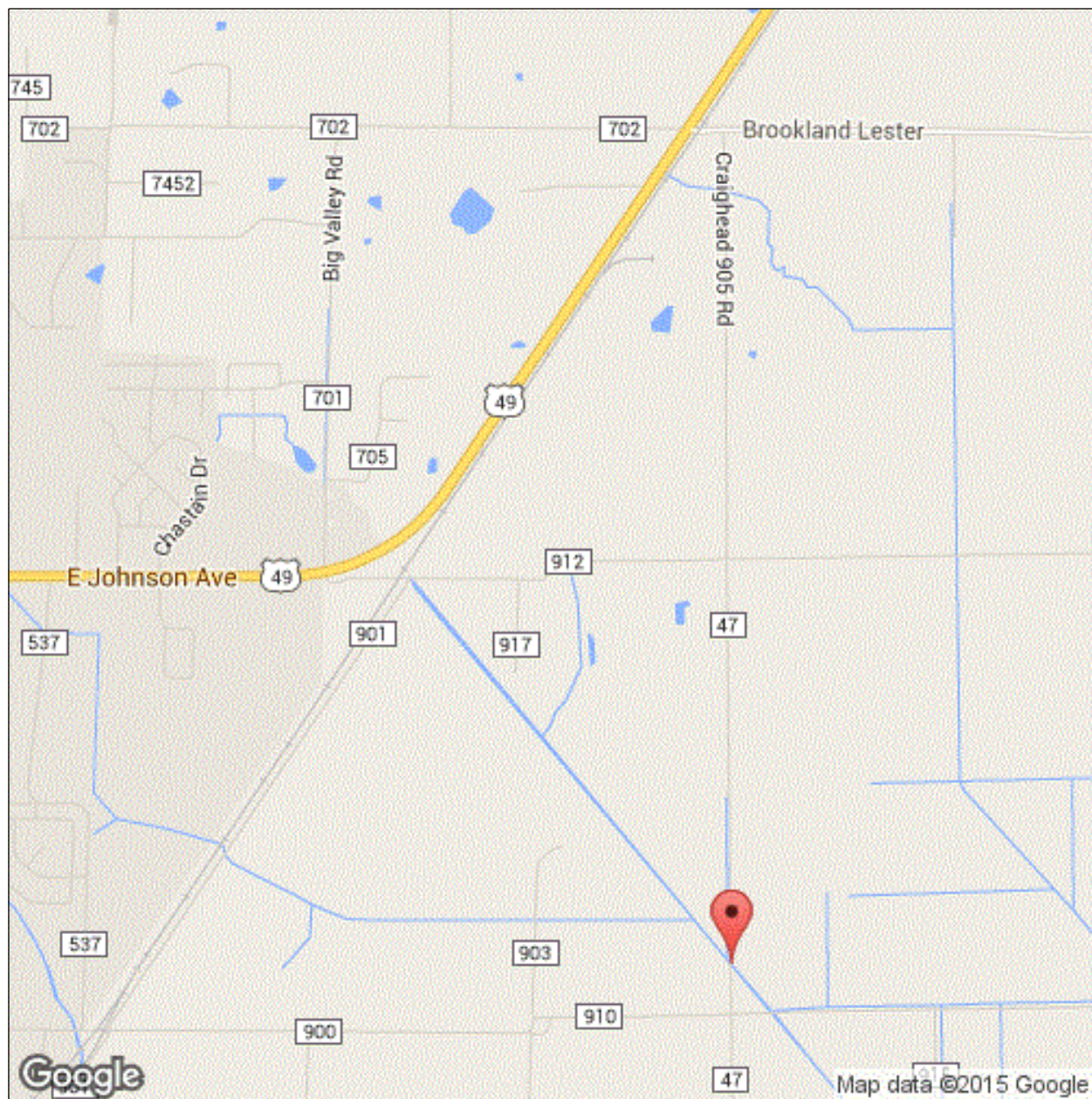
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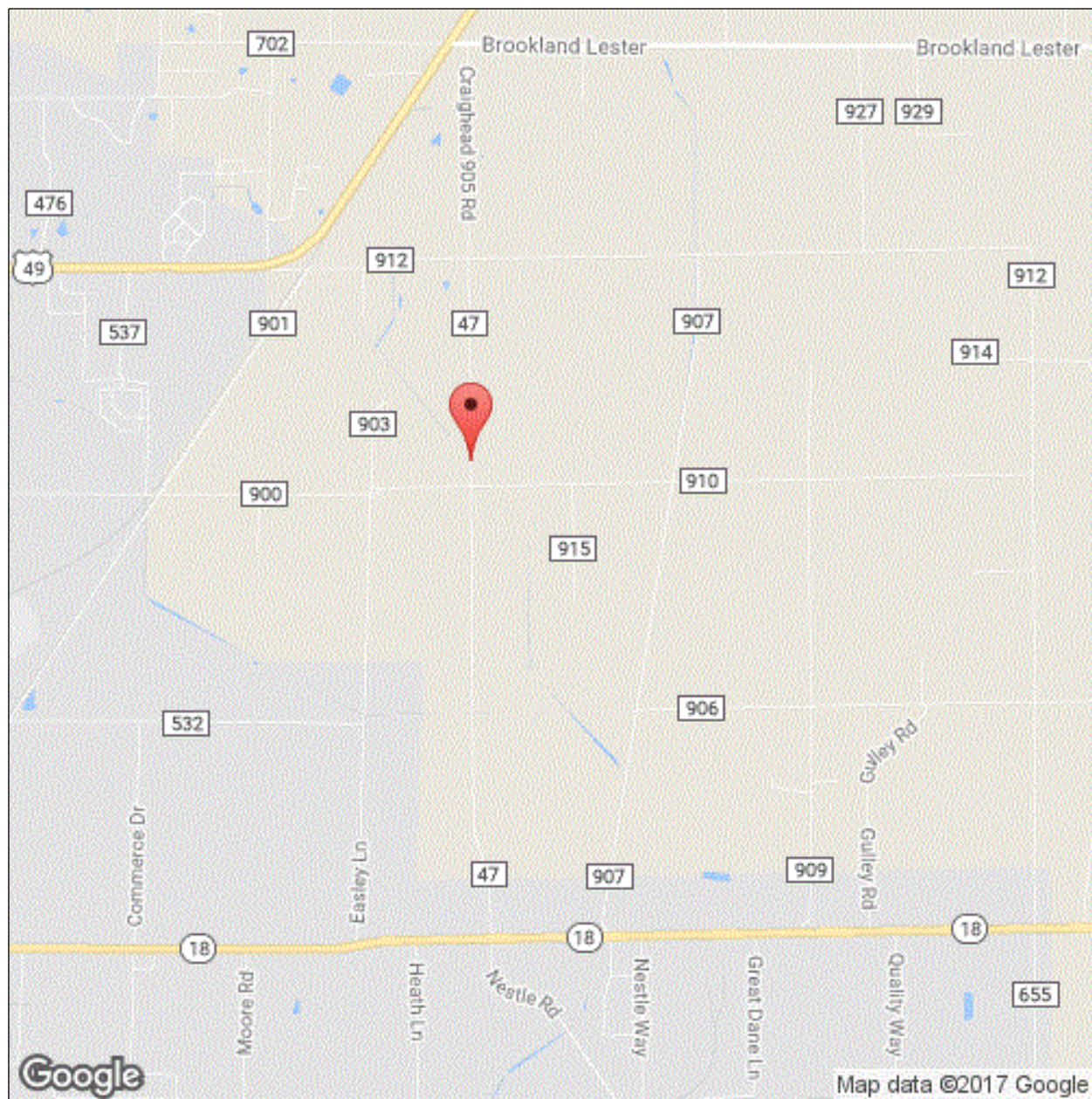
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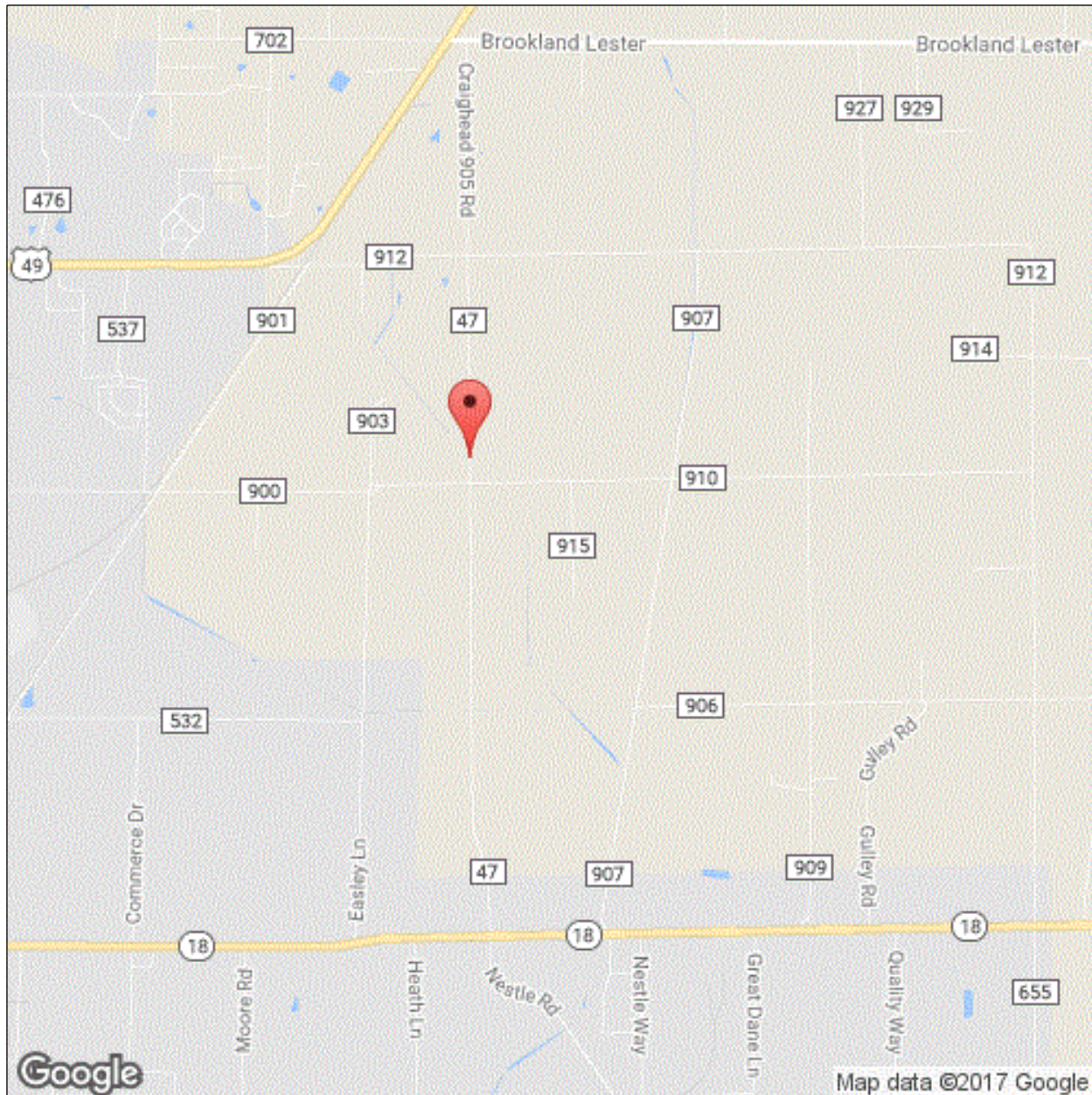
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Bridge Inspection Report

Executive Summary

Inspector:

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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	09/16/2019
(8) STRUCTURE NUMBER	04381	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 4 1 47 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10 (3) COUNTY CODE 031	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	BRIDGER CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	CR 47-C(Rogers Ch)		
(9) LOCATION	1.5 E OF GLENDALE		
(11) MILEPOINT 1.930	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.85191934150858	(17) LONGITUDE -90.59759267386016		
(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
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(60) SUBSTRUCTURE	7
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	6
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 0		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1979	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	2
(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 154	(19) BYPASS DETOUR LENGTH 3	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 1987		(66) INVENTORY RATING	36.0
(109) AVERAGE DAILY TRUCK TRAFFIC 1		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 25	(49) STRUCTURE LENGTH (ft.) 75	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	6
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 27.9		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 30.7		(71) WATERWAY ADEQUACY	9
(32) APPROACH ROADWAY WIDTH (ft.) 27.9		(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 40	(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.) 28.9		36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	0
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING	98.0
		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	07
(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	0000	(102) DIRECTION OF TRAFFIC	2
		(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	0
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	02
		(22) OWNER	02
		(37) HISTORICAL	4
		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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National Bridge Inventory

(114) FUTURE ADT 207

(115) YEAR OF FUTURE ADT 2007

(40) NAV HORIZONTAL CLEARANCE (ft.) 0

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Element Inspection

- No items available

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Bridge Inspection Report

Pictures

PHOTO 1

Description 2019 channel profile

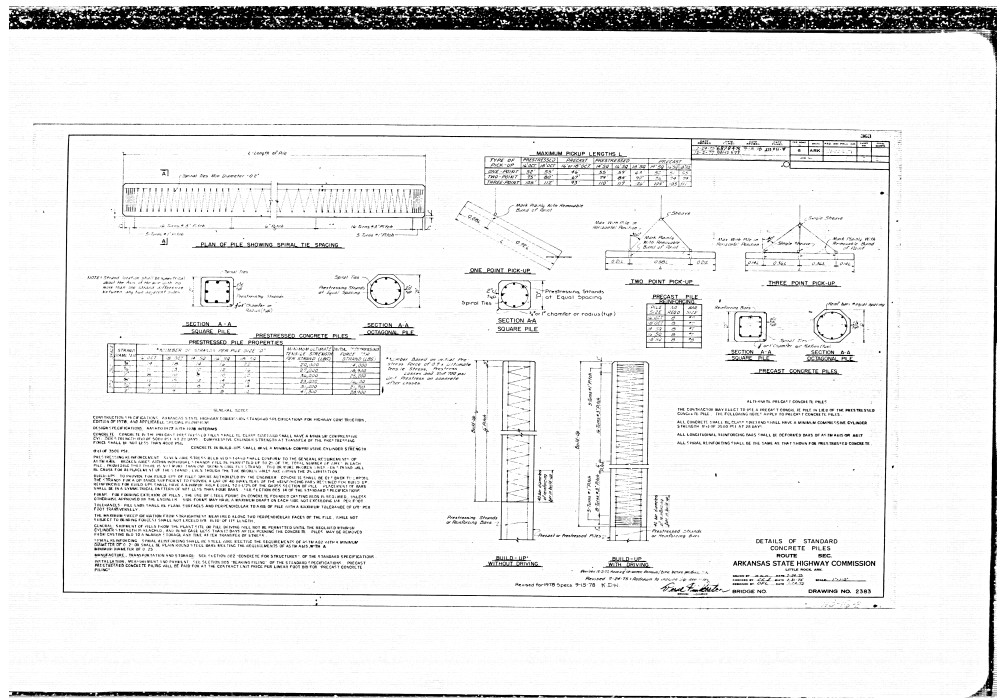


PHOTO 2

Description

Inspector:

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Bridge Inspection Report

Pictures

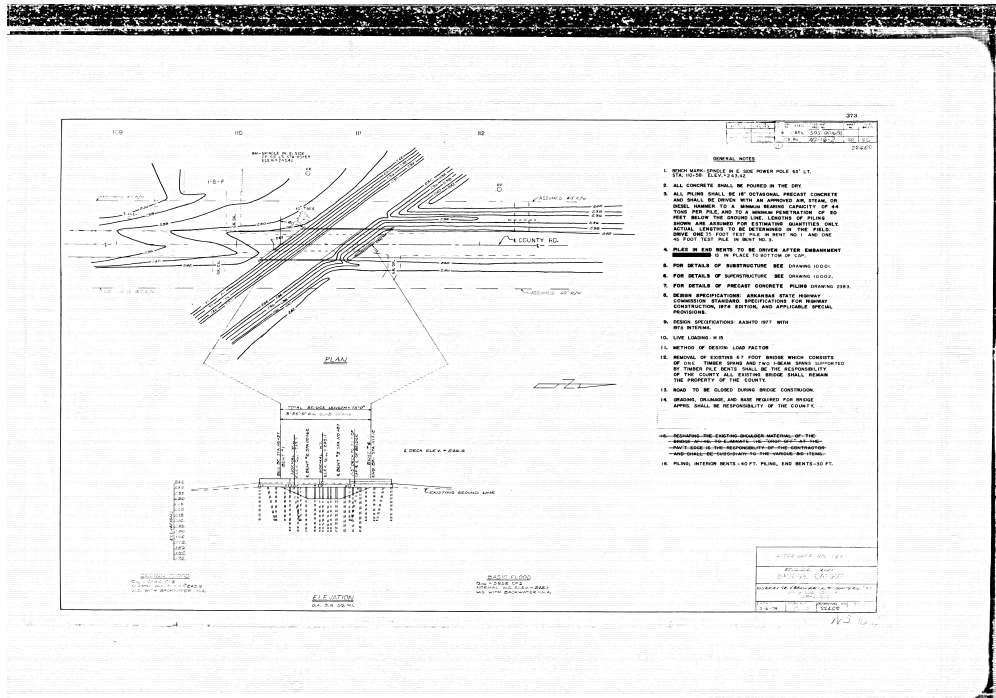


PHOTO 3

Description Layout

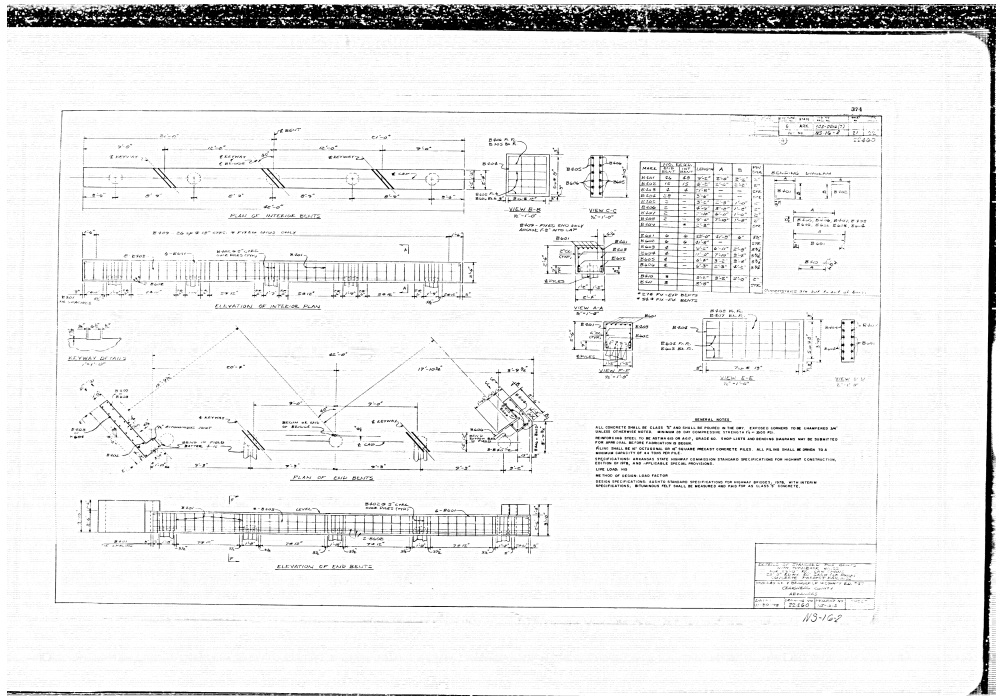


PHOTO 4

Description substructure

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Pictures

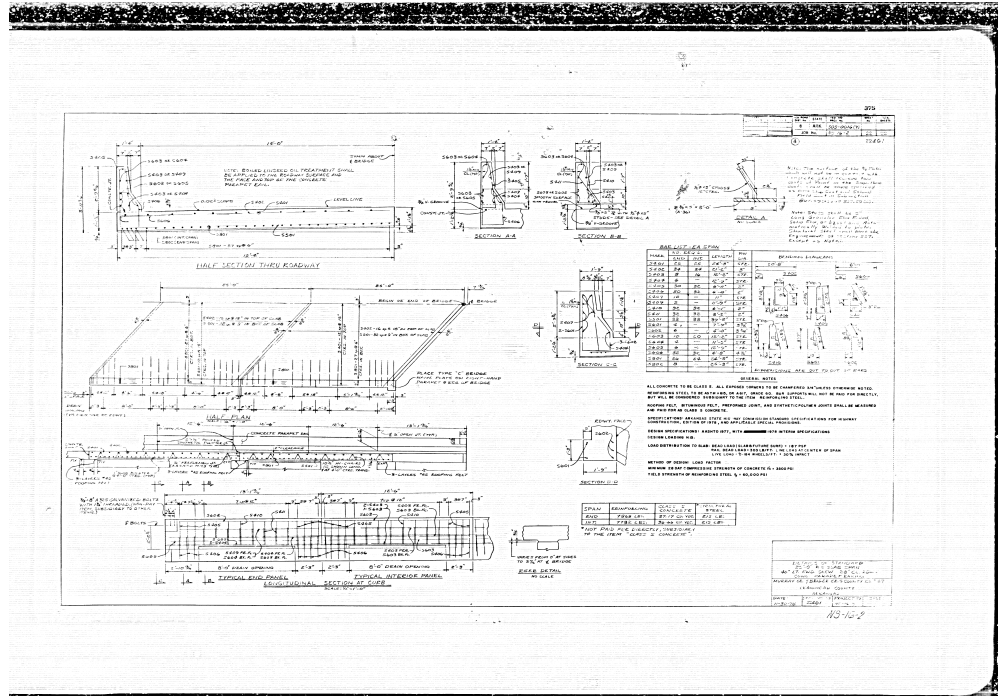


PHOTO 5

Description slab details

Inspector:

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Sketches

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 1/17/2012 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Northwest concrete wing wall
Wing wall has a large spalled area with exposed rebar.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Forward Local



PHOTO 1 Description Bent 1 Rt

Inspector:

Structure Number: 04381

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Bridge Inspection Report

Maintenance Needs

Date Reported: 1/17/2012 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

Bent 2 cap has a few small delaminated areas on face of cap.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

Structure Number: 04381

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Maintenance Needs

Date Reported: 09/16/2019

Priority: D - Routine

Work Code:

Deficiency Description:

Minor embankment erosion has undermined Lt end of bent 1 abutment up to 2' down and 2' back under. Bent 4 abutment is undermined for approximately 12' on each end up 2' below and 3' back under.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Forward Local



PHOTO 1 Description Bent 4 abumtent

Stage: Forward Local



PHOTO 2 Description Bent 4 Lt

Inspector:

Structure Number: 04381

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Bridge Inspection Report

Maintenance Needs

Date Reported: 12/10/2015

Priority: D - Routine

Work Code:

Deficiency Description:

Concrete deck has several unsealed cracks

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 09/16/2019

Priority: D - Routine

Work Code:

Deficiency Description:

Gutters have debris buildup blocking drains.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 09/16/2019

Priority: D - Routine

Work Code:

Deficiency Description:

Approach roadways have settlement at each end of bridge. Approaches have a few potholes and patched areas.

Work Description:

Date Repairs Completed:

Maintenance Comments:
