

Bridge Inspection Report

06836
SH 69-06- LM 1.01
over
Ditch # 1



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

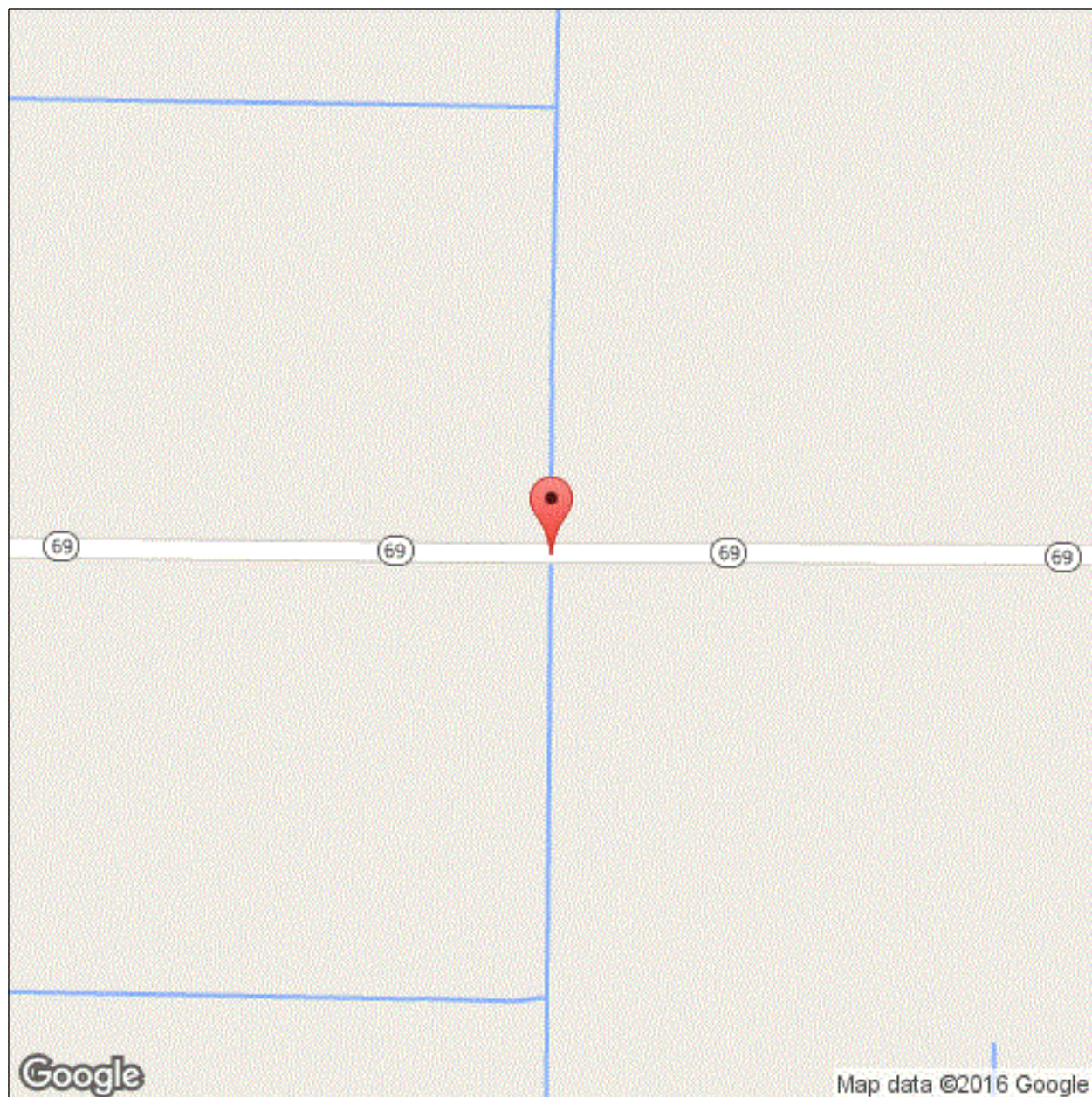
Structure Number: 06836

Inspection Date:

Facility Carried: SH 69-06- LM 1.01

Bridge Inspection Report

Location Map



Latitude: 35.67826

Longitude: -90.64163

Inspector:

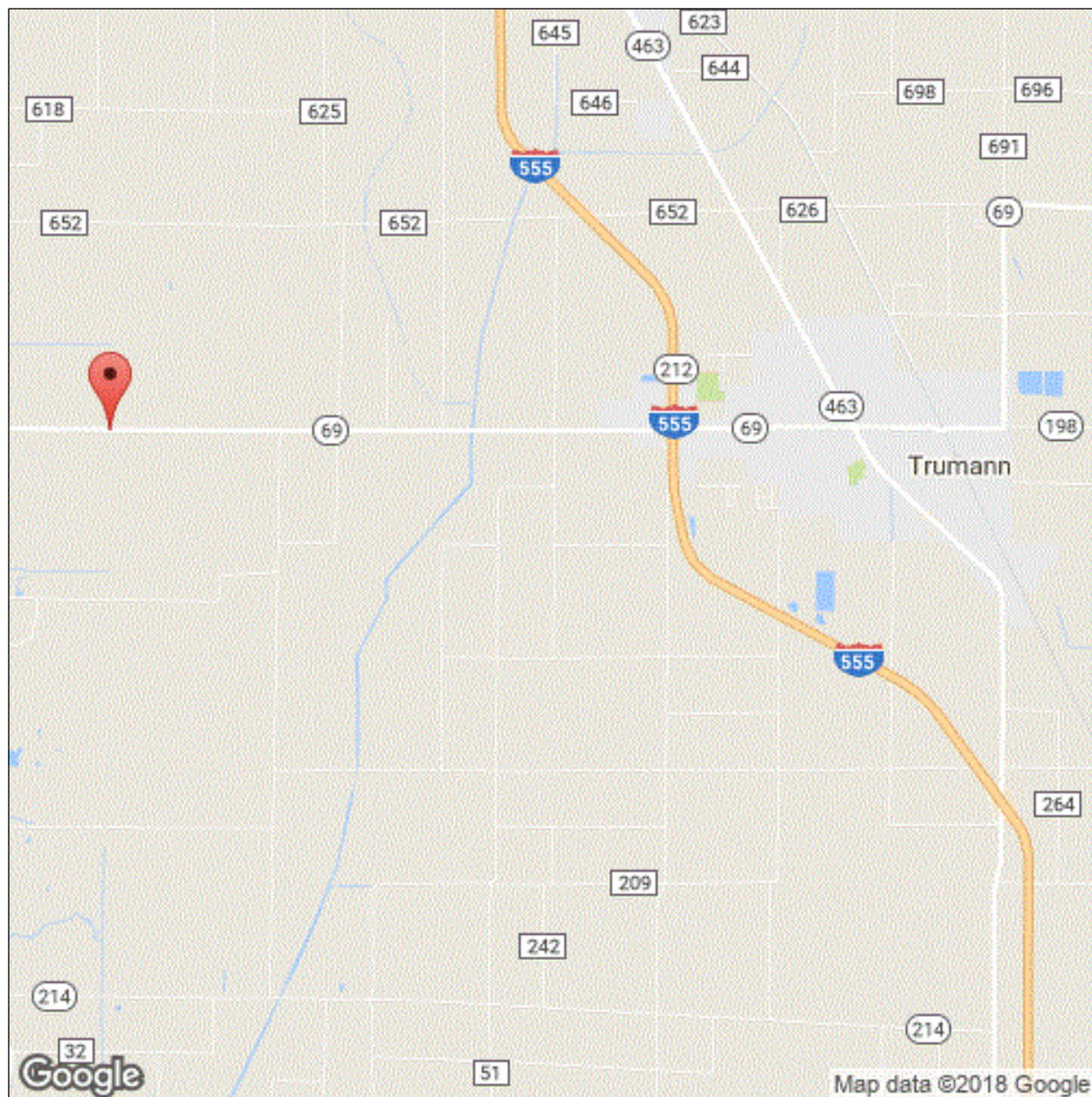
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Executive Summary

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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	02/27/2018
(8) STRUCTURE NUMBER	06836	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 69 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10 (3) COUNTY CODE 111	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Ditch # 1	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 69-06- LM 1.01		
(9) LOCATION	1.0 MI. E. Jct. SH. 163		
(11) MILEPOINT 1.010	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.67826	(17) LONGITUDE -90.64163		
(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: 4 - Steel continuous		(59) SUPERSTRUCTURE	8
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(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 2002	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	5
(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 11	(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 1		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 40	(49) STRUCTURE LENGTH (ft.) 110	(67) STRUCTURAL EVALUATION	7
(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		(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.) 40.0		36B) TRANSITIONS:	1
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		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	0
		STATUS	98.6
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		(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 2111	(115) YEAR OF FUTURE ADT 2028	(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
		(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.	4662	sq. ft.	4261	346	55	0
1120 - Efflorescence/Rust Staining		55				55	
1130 - Cracking (RC and Other)		346			346		
107 - Steel Open Girder/Beam	1- Ben.	540	ft.	540			
515 - Steel Protective Coating		4459	sq. ft.	4309	150	0	0
3430 - Oxide Film Degradation Color/Texture Adherence(Steel Protective Coatings)		150			150		
215 - Reinforced Concrete Abutment	1- Ben.	125	ft.	121	0	4	0
1120 - Efflorescence/Rust Staining		4				4	
225 - Steel Pile	1- Ben.	10	each	0	10	0	0
1000 - Corrosion		10			10		
515 - Steel Protective Coating		811	sq. ft.	497	0	0	314
3440 - Effectiveness (Steel Protective Coatings)		314					314
234 - Reinforced Concrete Pier Cap	1- Ben.	84	ft.	84			
302 - Compression Joint Seal	1- Ben.	86	ft.	86			
310 - Elastomeric Bearing	1- Ben.	20	each	20			
321 - Reinforced Concrete Approach Slab	1- Ben.	1752	sq. ft.	1751	0	1	0
1080 - Delamination/Spall/Patched Area		1				1	
331 - Reinforced Concrete Bridge Railing	1- Ben.	216	ft.	41	175	0	0
1120 - Efflorescence/Rust Staining		9			9		
1130 - Cracking (RC and Other)		166			166		

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Pictures

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Sketches

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Bridge Inspection Report

Maintenance Needs

Date Reported: 3/1/2012 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

Slopes have had some embankment erosion in the past near bents 2 and 3. Erosion appears to have stabilized.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 02/27/2018

Priority: D - Routine

Work Code:

Deficiency Description:

Deck has a few longitudinal unsealed cracks at all spans.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 02/27/2018

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

Steel shell piles at bents 2 and 3 have minor surface rust near groundline.

Bent 2 piles 2 and 3 have some flaking rust near groundline.

Work Description:

Date Repairs Completed:

Maintenance Comments:
