

# Bridge Inspection Report

**06644**

**SH 9 - 5 log 12.44**

**over**

**N F SALINE RIVER RELIEF**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

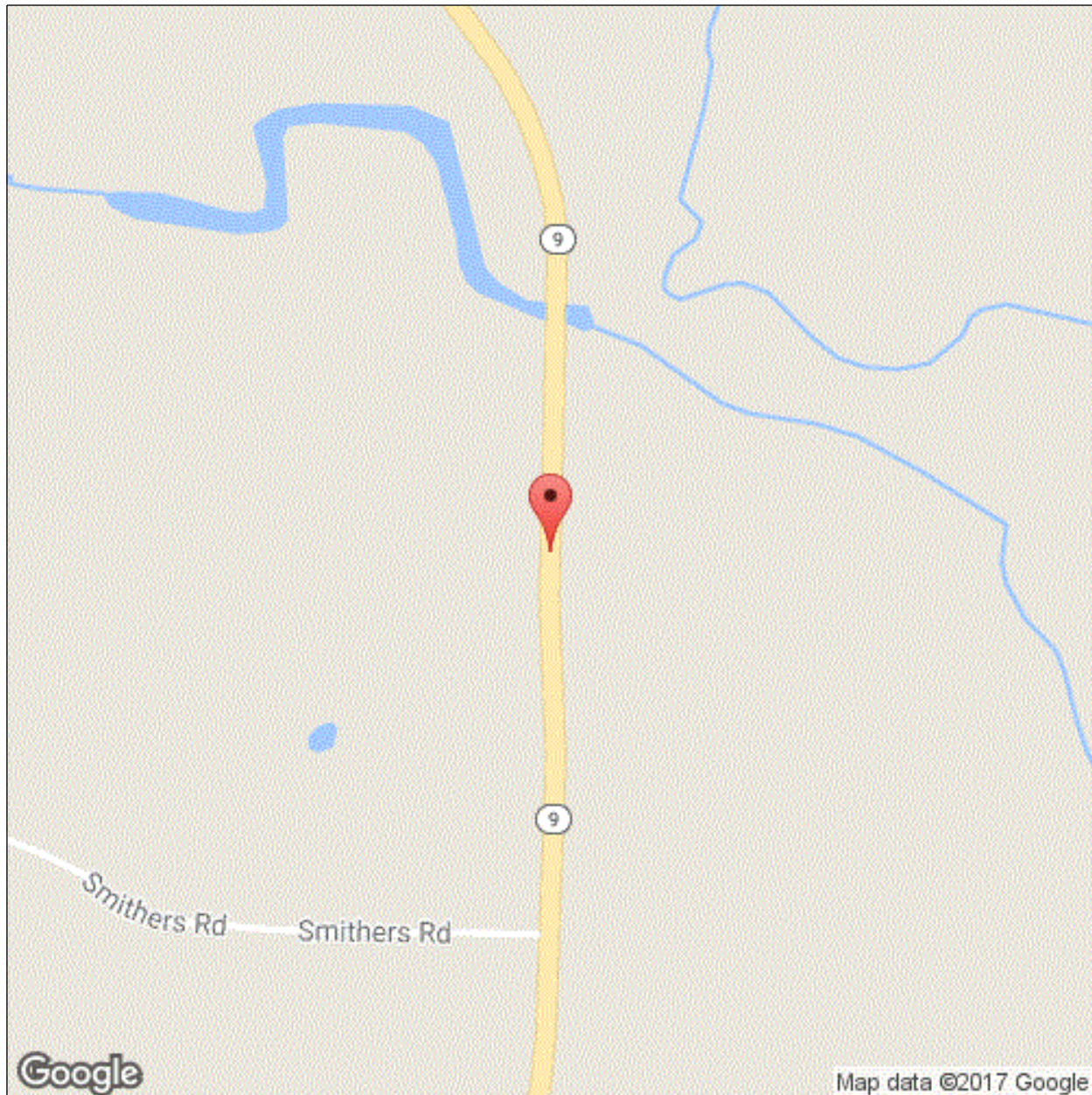
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## Bridge Inspection Report

### Location Map



Latitude: 34.77706

Longitude: -92.75802



Inspector:

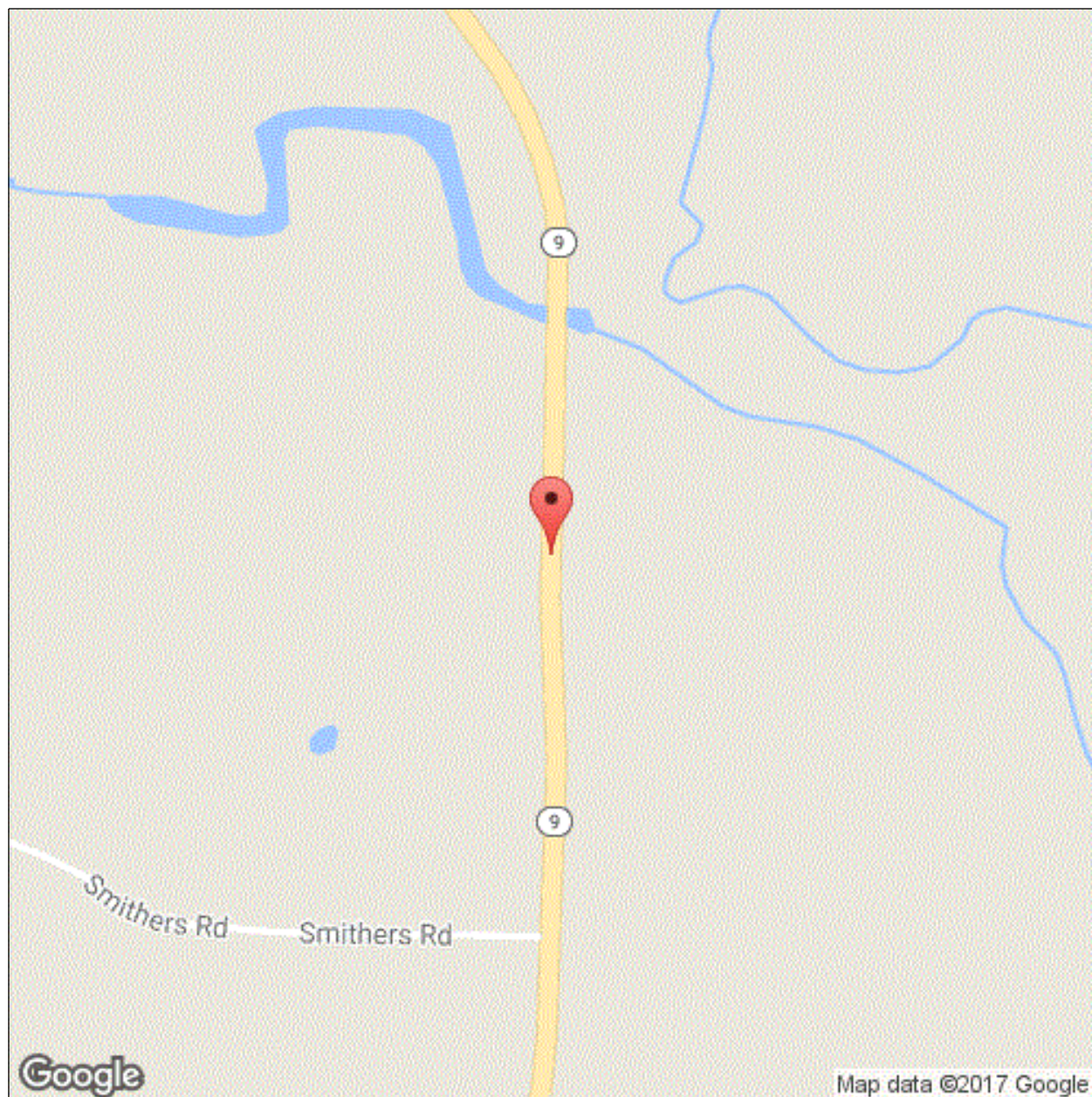
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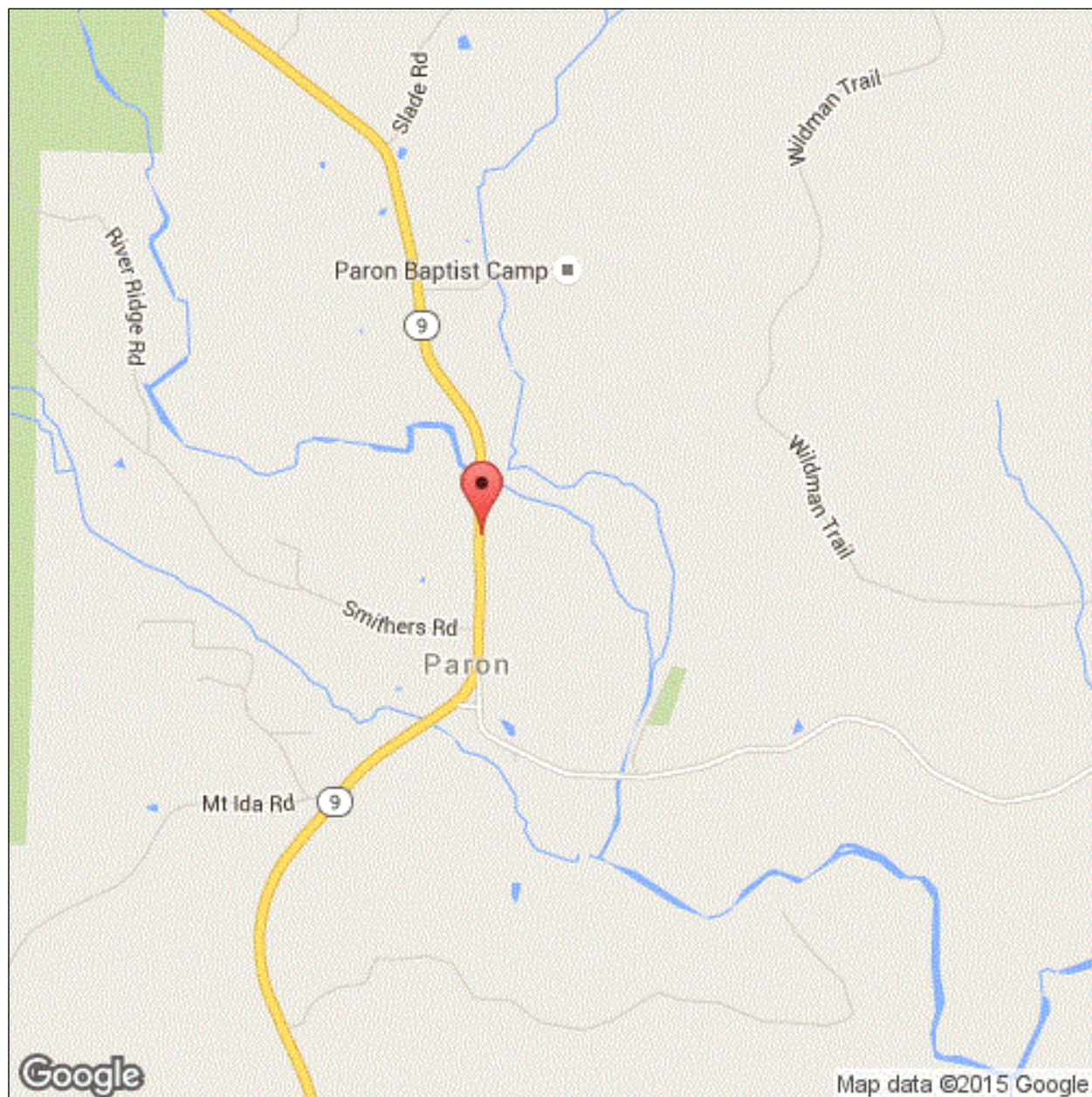
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### Executive Summary

job 60451 dwg 37114

Approach going North, has coated bars

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## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	11/13/2017
(8) STRUCTURE NUMBER	06644	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 9 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	06	(3) COUNTY CODE	125
(4) PLACE CODE	51120	A. FRACTURE CRITICAL DETAIL	N
(6) FEATURES INTERSECTED	N F SALINE RIVER RELIEF	B. UNDERWATER INSPECTION	N
(7) FACILITY CARRIED	SH 9 - 5 log 12.44	C. OTHER SPECIAL	N
(9) LOCATION	0.10 N OF PARON POSTOFFIC	CONDITION	
(11) MILEPOINT 12.437	(12) BASE HIGHWAY NETWORK 1	(58) DECK	7
(13A) LRS INVENTORY ROUTE 0000009050	(13B) SUBROUTE NUMBER 00	(59) SUPERSTRUCTURE 7	(60) SUBSTRUCTURE 7
(16) LATITUDE 34.77706	(17) LONGITUDE -92.75802	(61) CHANNEL & CHANNEL PROTECTION 7	(62) CULVERT N
(98A) BORDER BRIDGE CODE		LOAD RATING AND POSTING	
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(31) DESIGN LOAD	5
STRUCTURE TYPE AND MATERIAL		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(43) STRUCTURE TYPE, MAIN		(64) OPERATING RATING	60.0
A) KIND OF MATERIAL/DESIGN: 3 - Steel		(65) METHOD USED TO DETERMINE INVENTORY RATING	1
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(66) INVENTORY RATING	36.0
(44) STRUCTURE TYPE, APPROACH SPANS		(70) BRIDGE POSTING	5
A) KIND OF MATERIAL/DESIGN: 0 - Other		(41) STRUCTURE OPEN/POSTED/CLOSED	A
B) TYPE OF DESIGN/CONSTR: 00 - Other		APPRAISAL	
(45) NUMBER OF SPANS IN MAIN 3	(46) NUMBER OF APPROACH 0	(67) STRUCTURAL EVALUATION	7
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 1	(68) DECK GEOMETRY	7
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 8	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
AGE OF SERVICE		(71) WATERWAY ADEQUACY	8
(27) YEAR BUILT 1997	(106) YEAR RECONSTRUCTED 0000	(72) APPROACH ROADWAY ALIGNMENT	8
(42) TYPE OF SERVICE ON 1	UNDER 5	(36) TRAFFIC SAFETY FEATURE	
(28) LANES ON 02	UNDER 00	36A) BRIDGE RAILINGS:	1
(29) AVERAGE DAILY TRAFFIC 830	(19) BYPASS DETOUR LENGTH 39	36B) TRANSITIONS:	0
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		36C) APPROACH GUARDRAIL:	0
(109) AVERAGE DAILY TRUCK TRAFFIC 1		36D) APPROACH GUARDRAIL ENDS:	1
GEOMETRIC DATA		(113) SCOUR CRITICAL BRIDGES	8
(48) LENGTH OF MAX SPAN (ft.) 50	(49) STRUCTURE LENGTH (ft.) 152	SUFFICIENCY RATING	0
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0	RIGHT 0	STATUS	96.4
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	36.1	CLASSIFICATION	
(52) DECK WIDTH, OUT-TO-OUT (ft.)	38.8	(112) NBIS BRIDGE LENGTH	Y
(32) APPROACH ROADWAY WIDTH (ft.)	24.0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	(100) STRAHNET HIGHWAY DESIGNATION	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	37.1	(101) PARALLEL STRUCTURE DESIGNATION	N
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(102) DIRECTION OF TRAFFIC	2
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(103) TEMP STRUCTURE	
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(105) FEDERAL LANDS HIGHWAYS	0
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(110) DESIGNATED NATIONAL NETWORK	0
PROPOSED IMPROVEMENTS		(20) TOLL	3
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(21) MAINTENANCE RESPONSIBILITY	01
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0	(22) OWNER	01
(94) BRIDGE IMPROVEMENT COST (\$)	0	(37) HISTORICAL	5
(95) ROADWAY IMPROVEMENT COST (\$)	0	NAVIGATION DATA	
(96) TOTAL PROJECT COST	0	(38) NAVIGATION CONTROL	0
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(111) PIER OR ABUTMENT PROTECTION	5
(114) FUTURE ADT 1251	(115) YEAR OF FUTURE ADT 2028	(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.	5824	sq. ft.	5495	329	0	0
	All spans have longitudinal cracks. Max 0.020 Soffit- overhang, cracks with efflorescence						
1120 - Efflorescence/Rust Staining		23			23		
1130 - Cracking (RC and Other)		306			306		
107 - Steel Open Girder/Beam	1- Ben.	750	ft.	750			
515 - Steel Protective Coating		5563	sq. ft.	5563			
205 - Reinforced Concrete Column	1- Ben.	4	each	4			
215 - Reinforced Concrete Abutment	1- Ben.	118	ft.	110	8	0	0
	Small vertical cracks in both abutments.						
1120 - Efflorescence/Rust Staining		5			5		
1130 - Cracking (RC and Other)		3			3		
234 - Reinforced Concrete Pier Cap	1- Ben.	78	ft.	78			
	Hairline cracks in top of cap at bents 2 and 3, near step up.						
302 - Compression Joint Seal	1- Ben.	144	ft.	130	14	0	0
	Bent 3 joint seal, cracking and staring to bulge in a few places.						
2340 - Seal Cracking		14			14		
311 - Movable Bearing	1- Ben.	15	each	15			
313 - Fixed Bearing	1- Ben.	15	each	15			
331 - Reinforced Concrete Bridge Railing	1- Ben.	300	ft.	250	50		
	Bridge rail has small vertical cracks.						



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Pictures

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## Bridge Inspection Report

Sketches

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### Maintenance Needs