

# Bridge Inspection Report

**06645**

**SH 9 - 5 log 12.56**

**over**

**NORTH FORK SALINE RIVER**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

## TABLE OF CONTENTS

	PAGE NUMBER
LOCATION MAP	3
NATIONAL BRIDGE INVENTORY	7
ELEMENTS	8
PICTURES	9
SKETCHES	10

Inspector:

Structure Number: 06645

Inspection Date:

Facility Carried: SH 9 - 5 log 12.56

## Bridge Inspection Report

### Location Map



Latitude: 34.77875

Longitude: -92.75796



Inspector:

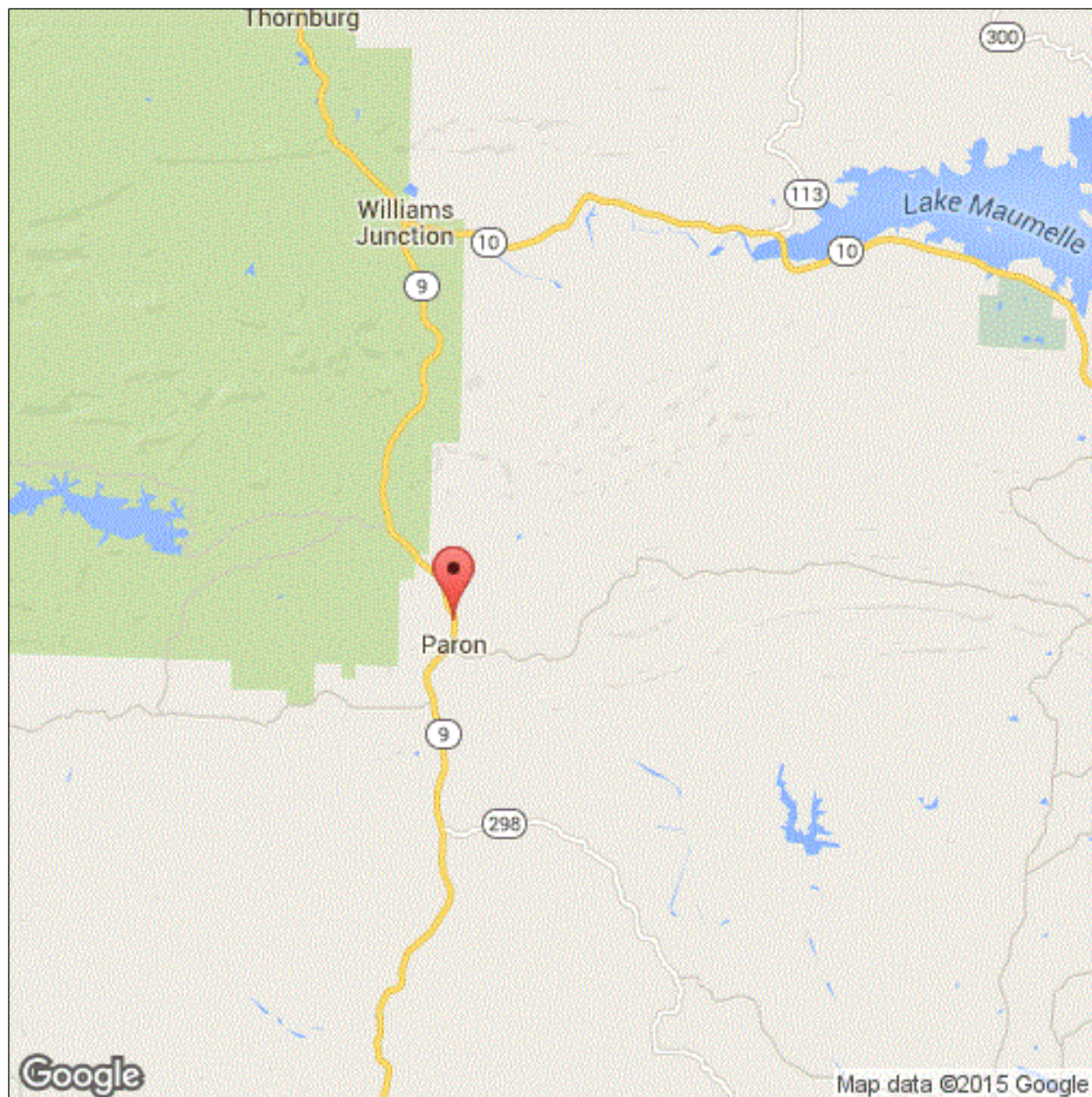
Structure Number: 06645

Inspection Date:

Facility Carried: SH 9 - 5 log 12.56

### Bridge Inspection Report

### Location Map



Latitude: 34.77875

Longitude: -92.75796



Inspector:

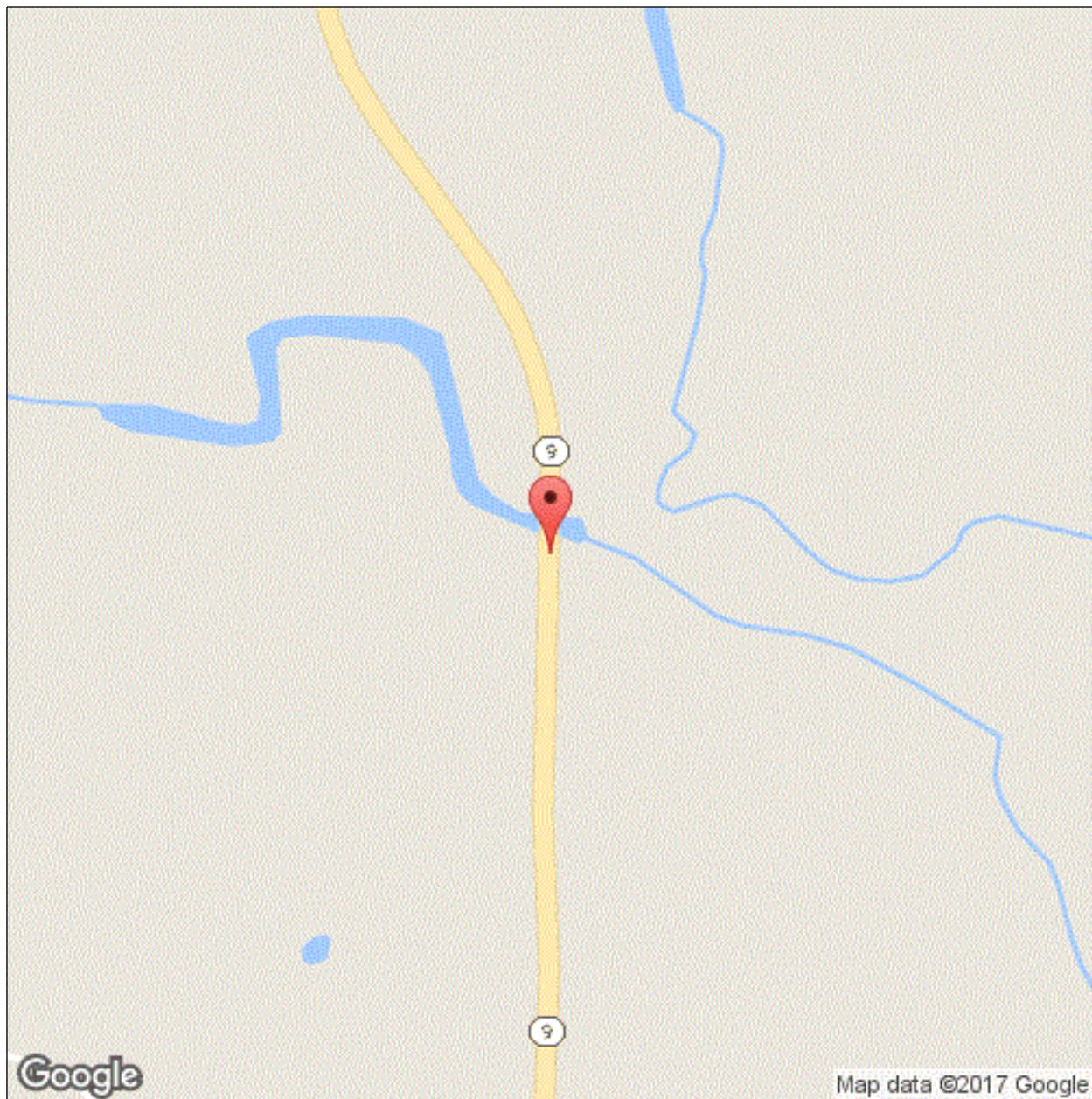
Structure Number: 06645

Inspection Date:

Facility Carried: SH 9 - 5 log 12.56

## Bridge Inspection Report

### Location Map



Latitude: 34.77875

Longitude: -92.75796

Inspector:

Inspection Date:

Structure Number: 06645

Facility Carried: SH 9 - 5 log 12.56

## Bridge Inspection Report

### Executive Summary

job 60451 dwg 37118

Approach going North , has coated bars.

Inspector:

Structure Number: 06645

Inspection Date:

Facility Carried: SH 9 - 5 log 12.56

## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	11/13/2017
(8) STRUCTURE NUMBER	06645	(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	NORTH FORK SALINE RIVER	B. UNDERWATER INSPECTION	N
(7) FACILITY CARRIED	SH 9 - 5 log 12.56	C. OTHER SPECIAL	N
(9) LOCATION	4.0 M NO SH 298	CONDITION	
(11) MILEPOINT 12.557	(12) BASE HIGHWAY NETWORK 1	(58) DECK	7
(13A) LRS INVENTORY ROUTE	0000009050	(59) SUPERSTRUCTURE	7
(13B) SUBROUTE NUMBER	00	(60) SUBSTRUCTURE	7
(16) LATITUDE	34.77875	(61) CHANNEL & CHANNEL PROTECTION	7
(17) LONGITUDE	-92.75796	(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	5	(67) STRUCTURAL EVALUATION	7
(46) NUMBER OF APPROACH	0	(68) DECK GEOMETRY	7
(107) DECK STRUCTURE TYPE	1	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108A) WEARING SURFACE	1	(71) WATERWAY ADEQUACY	8
(108B) DECK MEMBRANE	0	(72) APPROACH ROADWAY ALIGNMENT	8
(108C) DECK PROTECTION	8	(36) TRAFFIC SAFETY FEATURE	
AGE OF SERVICE		36A) BRIDGE RAILINGS:	1
(27) YEAR BUILT	1997	36B) TRANSITIONS:	0
(106) YEAR RECONSTRUCTED	0000	36C) APPROACH GUARDRAIL:	0
(42) TYPE OF SERVICE	ON 1 UNDER 5	36D) APPROACH GUARDRAIL ENDS:	1
(28) LANES	ON 02 UNDER 00	(113) SCOUR CRITICAL BRIDGES	8
(29) AVERAGE DAILY TRAFFIC	830	SUFFICIENCY RATING	0
(19) BYPASS DETOUR LENGTH	39	STATUS	96.4
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	CLASSIFICATION	
(109) AVERAGE DAILY TRUCK TRAFFIC	1	(112) NBIS BRIDGE LENGTH	Y
GEOMETRIC DATA		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(48) LENGTH OF MAX SPAN (ft.)	50	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(49) STRUCTURE LENGTH (ft.)	252	(100) STRAHNET HIGHWAY DESIGNATION	0
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(101) PARALLEL STRUCTURE DESIGNATION	N
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	36.1	(102) DIRECTION OF TRAFFIC	2
(52) DECK WIDTH, OUT-TO-OUT (ft.)	38.8	(103) TEMP STRUCTURE	
(32) APPROACH ROADWAY WIDTH (ft.)	24.0	(105) FEDERAL LANDS HIGHWAYS	0
(33) BRIDGE MEDIAN	0	(110) DESIGNATED NATIONAL NETWORK	0
(34) SKEW (DEG.)	0	(20) TOLL	3
(35) STRUCTURE FLARED	0	(21) MAINTENANCE RESPONSIBILITY	01
(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	(22) OWNER	01
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	37.1	(37) HISTORICAL	5
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	NAVIGATION DATA	
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(38) NAVIGATION CONTROL	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(111) PIER OR ABUTMENT PROTECTION	5
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(39) NAV VERT CLEARANCE (ft.)	0
PROPOSED IMPROVEMENTS		(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(40) NAV HORIZONTAL CLEARANCE (ft.)	0
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0		
(94) BRIDGE IMPROVEMENT COST (\$)	0		
(95) ROADWAY IMPROVEMENT COST (\$)	0		
(96) TOTAL PROJECT COST	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(114) FUTURE ADT	1251		
(115) YEAR OF FUTURE ADT	2028		

Inspector:

Structure Number: 06645

Inspection Date:

Facility Carried: SH 9 - 5 log 12.56

## Bridge Inspection Report

## Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	9707	sq. ft.	9271	436	0	0
	All spans have small longitudinal unsealed cracks. Soffit- overhang cracks with efflorescence						
1120 - Efflorescence/Rust Staining		35			35		
1130 - Cracking (RC and Other)		401			401		
107 - Steel Open Girder/Beam	1- Ben.	1250	ft.	1250			
515 - Steel Protective Coating		9270	sq. ft.	9270			
205 - Reinforced Concrete Column	1- Ben.	8	each	8			
215 - Reinforced Concrete Abutment	1- Ben.	118	ft.	115	3	0	0
	Abutments 1 and 6, have small vertical cracks in backwall						
1130 - Cracking (RC and Other)		3			3		
234 - Reinforced Concrete Pier Cap	1- Ben.	155	ft.	154	1		
	Bent 5, left of column 1, small crack measured .020, is on both side of cap						
302 - Compression Joint Seal	1- Ben.	216	ft.	129	36	51	0
	Compression seal joints are torn and a braided, common to all joints.						
2340 - Seal Cracking		87			36	51	
311 - Movable Bearing	1- Ben.	25	each	25			
313 - Fixed Bearing	1- Ben.	25	each	25			
331 - Reinforced Concrete Bridge Railing	1- Ben.	500	ft.	360	140	0	0
	Left and right parapet wall has small vertical cracks.						
1130 - Cracking (RC and Other)		140			140		



Inspector:

Inspection Date:

Structure Number: 06645

Facility Carried: SH 9 - 5 log 12.56

## Bridge Inspection Report

Pictures

Inspector:

Inspection Date:

Structure Number: 06645

Facility Carried: SH 9 - 5 log 12.56

## Bridge Inspection Report

Sketches

Inspector:

Inspection Date:

Structure Number: 06645

Facility Carried: SH 9 - 5 log 12.56

## Bridge Inspection Report

### Maintenance Needs