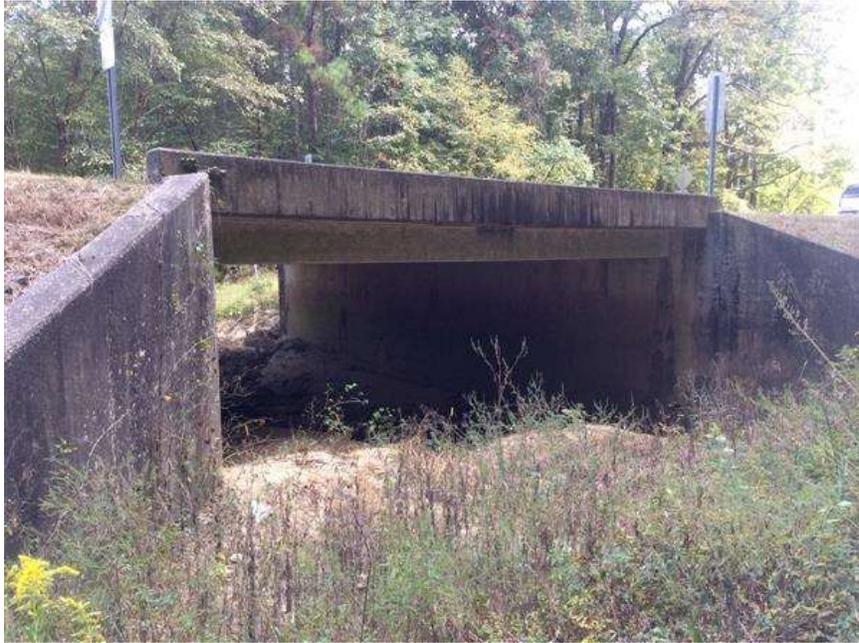


# Bridge Inspection Report

**A1009**  
**SH 365-14 LM 14.77**  
**over**  
**Gamble Bayou**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

## TABLE OF CONTENTS

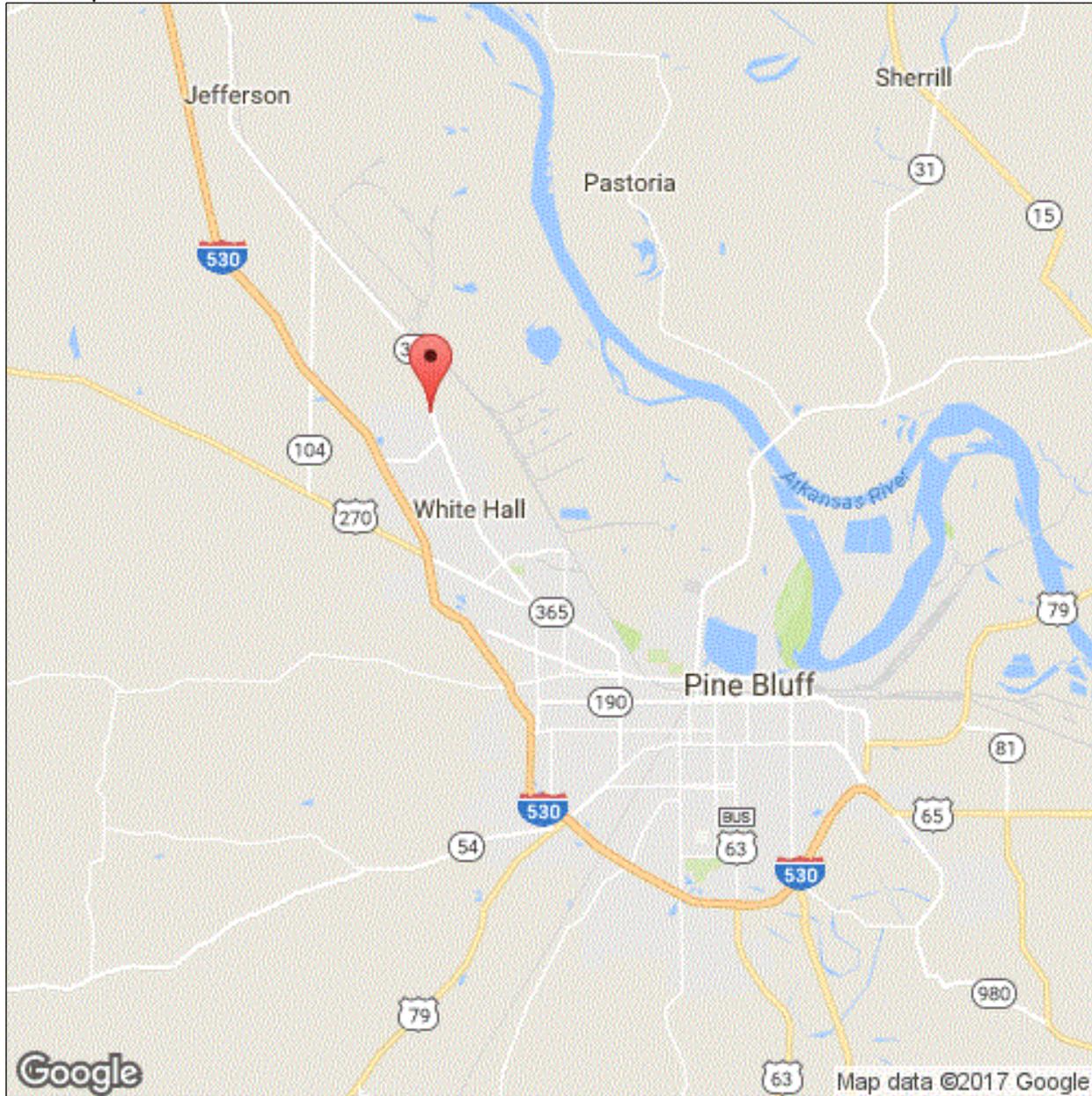
	PAGE NUMBER
LOCATION MAP	3
NATIONAL BRIDGE INVENTORY	6
ELEMENTS	7
PICTURES	8
SKETCHES	9

Inspector:  
Inspection Date:

Structure Number: A1009  
Facility Carried: SH 365-14 LM  
14.77

Bridge Inspection Report

Location Map



Latitude: 34.29876067781084  
Longitude: -92.1032622547944

Inspector:

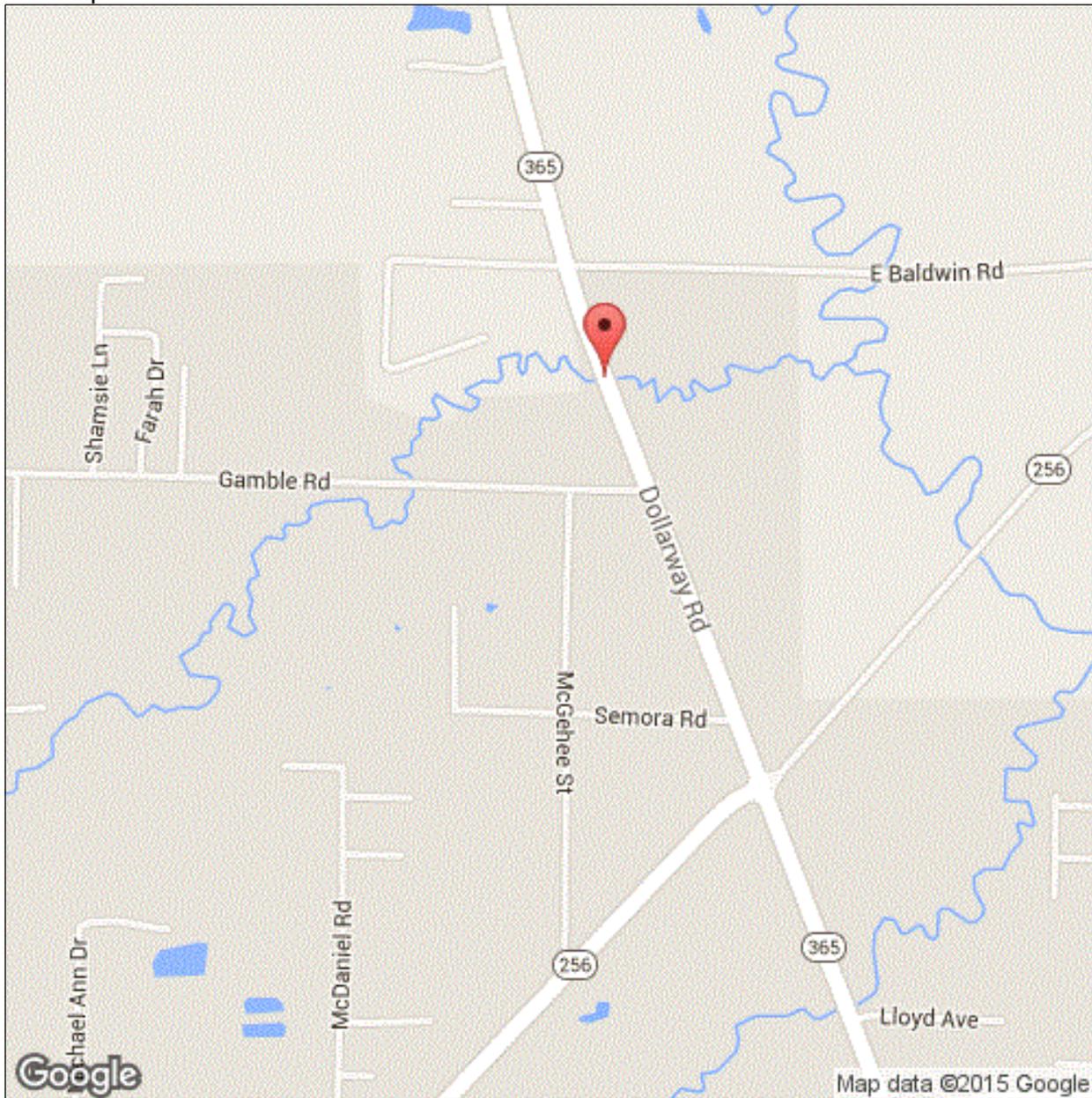
Structure Number: A1009

Inspection Date:

Facility Carried: SH 365-14 LM  
14.77

### Bridge Inspection Report

### Location Map



Latitude: 34.29876067781084

Longitude: -92.1032622547944

Inspector:

Inspection Date:

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## Bridge Inspection Report

### Executive Summary

Bridge is logged from north to south.

Inspector:

Structure Number: A1009

Inspection Date:

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14.77

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION				INSPECTIONS			
(1) STATE CODE	056 - Arkansas			(90) INSPECTION DATE	10/04/2017		
(8) STRUCTURE NUMBER	A1009			(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	3	1 365 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE		
(2) HIGHWAY AGENCY	02	(3) COUNTY CODE	069	A. FRACTURE CRITICAL DETAIL	N		
(4) PLACE CODE	00000			B. UNDERWATER INSPECTION	N		
(6) FEATURES INTERSECTED	Gamble Bayou			C. OTHER SPECIAL	N		
(7) FACILITY CARRIED	SH 365-14 LM 14.77			CONDITION			
(9) LOCATION	0.5 Mi N SH 256-WhiteHall			(58) DECK	7		
(11) MILEPOINT 14.777	(12) BASE HIGHWAY NETWORK 0			(59) SUPERSTRUCTURE	7	(60) SUBSTRUCTURE	7
(13A) LRS INVENTORY ROUTE	0000000000	(13B) SUBROUTE NUMBER	00	(61) CHANNEL & CHANNEL PROTECTION	6	(62) CULVERT	N
(16) LATITUDE	34.	(17) LONGITUDE	-92.1032622547944	LOAD RATING AND POSTING			
	29876067781084			(31) DESIGN LOAD	4		
(98A) BORDER BRIDGE CODE				(63) METHOD USED TO DETERMINE OPERATING RATING	1		
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT			(64) OPERATING RATING	45.0		
STRUCTURE TYPE AND MATERIAL				(65) METHOD USED TO DETERMINE INVENTORY RATING	1		
(43) STRUCTURE TYPE, MAIN				(66) INVENTORY RATING	27.0		
A) KIND OF MATERIAL/DESIGN:	1 - Concrete			(70) BRIDGE POSTING	5		
B) TYPE OF DESIGN/CONSTR:	04 - Tee Beam			(41) STRUCTURE OPEN/POSTED/CLOSED	A		
(44) STRUCTURE TYPE, APPROACH SPANS				APPRAISAL			
A) KIND OF MATERIAL/DESIGN:	0 - Other			(67) STRUCTURAL EVALUATION	6		
B) TYPE OF DESIGN/CONSTR:	00 - Other			(68) DECK GEOMETRY	6		
(45) NUMBER OF SPANS IN MAIN	1	(46) NUMBER OF APPROACH	0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N		
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE	6	(71) WATERWAY ADEQUACY	8		
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION	0	(72) APPROACH ROADWAY ALIGNMENT	8		
AGE OF SERVICE				(36) TRAFFIC SAFETY FEATURE			
(27) YEAR BUILT	1929	(106) YEAR RECONSTRUCTED	1956	36A) BRIDGE RAILINGS:	0		
(42) TYPE OF SERVICE	ON 1	UNDER	5	36B) TRANSITIONS:	0		
(28) LANES	ON 02	UNDER	00	36C) APPROACH GUARDRAIL:	0		
(29) AVERAGE DAILY TRAFFIC	3200	(19) BYPASS DETOUR LENGTH	10	36D) APPROACH GUARDRAIL ENDS:	0		
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014			(113) SCOUR CRITICAL BRIDGES	5		
(109) AVERAGE DAILY TRUCK TRAFFIC	1			SUFFICIENCY RATING	0	STATUS	87.2
GEOMETRIC DATA				CLASSIFICATION			
(48) LENGTH OF MAX SPAN (ft.)	30	(49) STRUCTURE LENGTH (ft.)	30	(112) NBIS BRIDGE LENGTH	Y		
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 1	RIGHT	1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1		
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0			(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42			(100) STRAHNET HIGHWAY DESIGNATION	0		
(32) APPROACH ROADWAY WIDTH (ft.)	42.0			(101) PARALLEL STRUCTURE DESIGNATION	N		
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0	(102) DIRECTION OF TRAFFIC	2		
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	(103) TEMP STRUCTURE			
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	40.0			(105) FEDERAL LANDS HIGHWAYS	0		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99			(110) DESIGNATED NATIONAL NETWORK	0		
(54) VERTICAL UNDER CLEARANCE (ft.)	N		0	(20) TOLL	3		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N		99.9	(21) MAINTENANCE RESPONSIBILITY	01		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0			(22) OWNER	01		
PROPOSED IMPROVEMENTS				(37) HISTORICAL	5		
(75A) TYPE OF WORK PROPOSED	35	(75B) WORK DONE BY	1	NAVIGATION DATA			
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	30			(38) NAVIGATION CONTROL	0		
(94) BRIDGE IMPROVEMENT COST (\$)	0			(111) PIER OR ABUTMENT PROTECTION	5		
(95) ROADWAY IMPROVEMENT COST (\$)	0			(39) NAV VERT CLEARANCE (ft.)	0		
(96) TOTAL PROJECT COST	55			(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE	2000			(40) NAV HORIZONTAL CLEARANCE (ft.)	0		
(114) FUTURE ADT	4053	(115) YEAR OF FUTURE ADT	2028				

Inspector:  
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Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
16 - Reinforced Concrete Top Flange	1- Ben.	1260	sq. ft.	1257	3	0	0
	Deck: 42' wide x 30' long Minor- sized transverse cracks in asphalt wearing surface at bridge ends.  Soffit: Span 1 Bays 1, 3, 4, & 5: A few scattered lines of light diagonal, longitudinal, and transverse efflorescence.						
1120 - Efflorescence/Rust Staining		3			3		
510 - Wearing Surfaces		1200	sq. ft.	1200			
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	210	ft.	210			
	Girders: 7 per span / 30' total span. A couple of very small pop outs on bottom of girders.						
215 - Reinforced Concrete Abutment	1- Ben.	128	ft.	120	8	0	0
	Abutments: 64' each / Bents 1 & 2. Bent 1 left: Some vertical cracking with moderate efflorescence. Bent 1 right: Vertical cracking with minor efflorescence. Bent 2 left and right: Vertical cracking with minor efflorescence. NOTE: Cracking and efflorescence is located just outside of cold-joint at edge of original abutment.  Scour: Approach roadway - Bent 2 right: Erosion behind the end of the wingwall - 4' deep. Channel enters bridge at end of wingwall and flows on both sides.						
1120 - Efflorescence/Rust Staining		1			1		
1130 - Cracking (RC and Other)		3			3		
6000 - Scour		4			4		

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Bridge Inspection Report

Pictures

Inspector:

Inspection Date:

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14.77

Bridge Inspection Report

Sketches

Inspector:

Structure Number: A1009

Inspection Date:

Facility Carried: SH 365-14 LM  
14.77

Bridge Inspection Report

**Maintenance Needs**

Date Reported: 10/04/2017

Priority: D - Routine

Work Code: N/A

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Deficiency Description:

Approach roadway - Bent 2 right: Erosion behind the end of the wingwall - 4' deep.  
Channel enters bridge at end of wingwall and flows on both sides.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

PACK WITH SOIL CEMEMNT

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Stage: Open



PHOTO 1 Description Approach roadway - Bent 2 right:  
Erosion behind wingwall