

# Bridge Inspection Report

**06465**  
**SH 321Log 0.51**  
**over**  
**WHITE OAK BRANCH CREEK**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

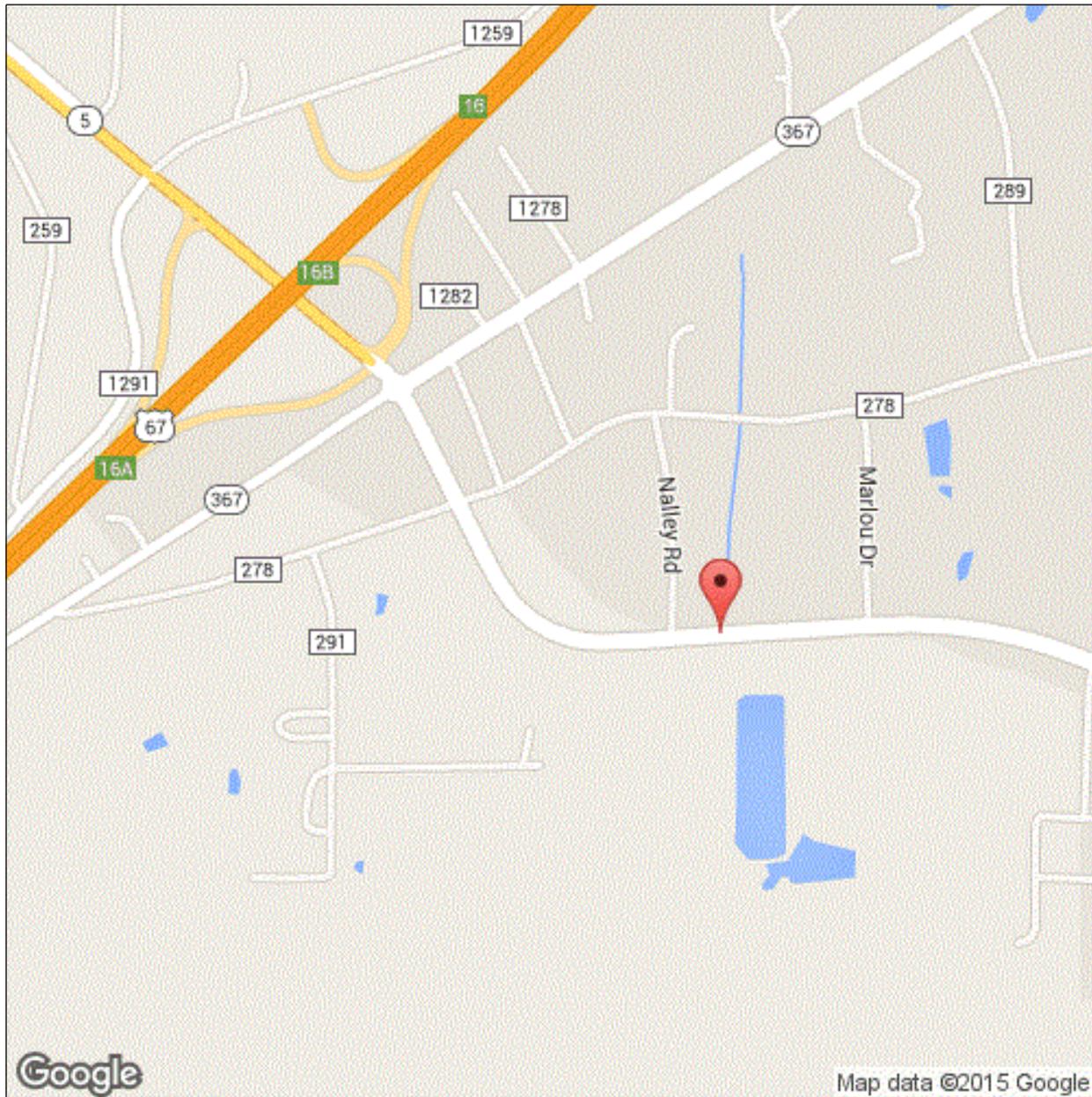
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### Bridge Inspection Report

### Location Map



Latitude: 34.94315

Longitude: -92.05575

Inspector:

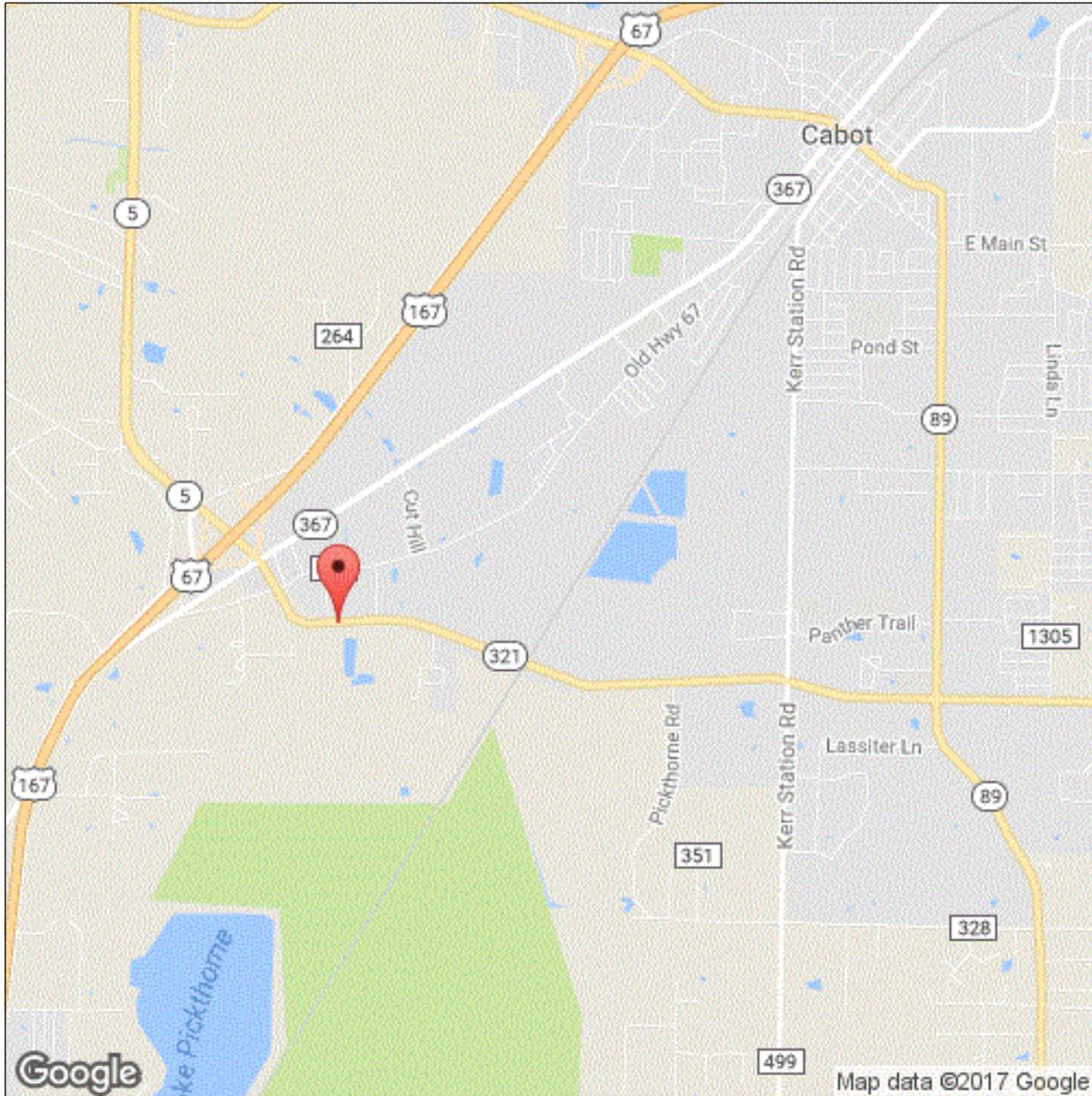
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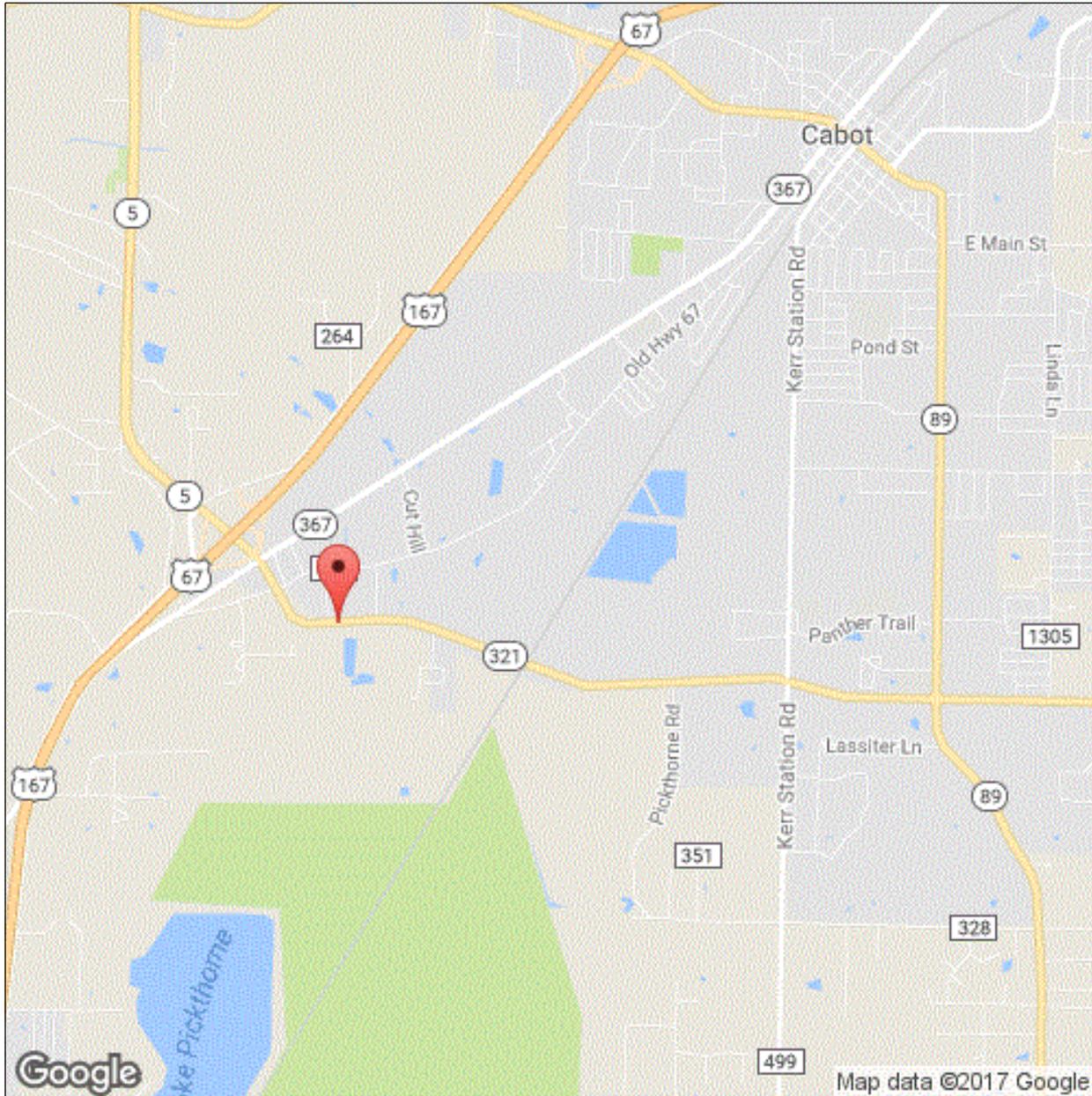
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**Executive Summary**

Job 60559, drawing 32873

Logged Southbound

Special inspection for actual field measure of structure length. Per Mark Headley Structure measured 74 foot.

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	10/17/2017
(8) STRUCTURE NUMBER	06465	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 321 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	06 (3) COUNTY CODE 085	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	09780	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	WHITE OAK BRANCH CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 321Log 0.51	CONDITION	
(9) LOCATION	.5 MI E US 67	(58) DECK	7
(11) MILEPOINT 0.510	(12) BASE HIGHWAY NETWORK 0	(59) SUPERSTRUCTURE	8 (60) SUBSTRUCTURE 8
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00	(61) CHANNEL & CHANNEL PROTECTION	7 (62) CULVERT N
(16) LATITUDE 34.94315	(17) LONGITUDE -92.05575	LOAD RATING AND POSTING	
(98A) BORDER BRIDGE CODE		(31) DESIGN LOAD	5
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(63) METHOD USED TO DETERMINE OPERATING RATING	1
STRUCTURE TYPE AND MATERIAL		(64) OPERATING RATING	60.0
(43) STRUCTURE TYPE, MAIN		(65) METHOD USED TO DETERMINE INVENTORY RATING	1
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(66) INVENTORY RATING	36.0
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder	(70) BRIDGE POSTING	5
(44) STRUCTURE TYPE, APPROACH SPANS		(41) STRUCTURE OPEN/POSTED/CLOSED	A
A) KIND OF MATERIAL/DESIGN:	0 - Other	APPRAISAL	
B) TYPE OF DESIGN/CONSTR:	00 - Other	(67) STRUCTURAL EVALUATION	8
(45) NUMBER OF SPANS IN MAIN	3 (46) NUMBER OF APPROACH	(68) DECK GEOMETRY	5
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	(71) WATERWAY ADEQUACY	8
		(72) APPROACH ROADWAY ALIGNMENT	8
AGE OF SERVICE		(36) TRAFFIC SAFETY FEATURE	
(27) YEAR BUILT	1992 (106) YEAR RECONSTRUCTED	36A) BRIDGE RAILINGS:	1
(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	18000 (19) BYPASS DETOUR LENGTH	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	90.2 STATUS 0
GEOMETRIC DATA		CLASSIFICATION	
(48) LENGTH OF MAX SPAN (ft.)	25 (49) STRUCTURE LENGTH (ft.)	(112) NBIS BRIDGE LENGTH	Y
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	16
(52) DECK WIDTH, OUT-TO-OUT (ft.)	43	(100) STRAHNET HIGHWAY DESIGNATION	0
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(101) PARALLEL STRUCTURE DESIGNATION	N
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(102) DIRECTION OF TRAFFIC	2
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	(103) TEMP STRUCTURE	
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.3	(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	(37) HISTORICAL	5
PROPOSED IMPROVEMENTS		NAVIGATION DATA	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(38) NAVIGATION CONTROL	0
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0	(111) PIER OR ABUTMENT PROTECTION	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(39) NAV VERT CLEARANCE (ft.)	0
(95) ROADWAY IMPROVEMENT COST (\$)	0	(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
(96) TOTAL PROJECT COST	0	(40) NAV HORIZONTAL CLEARANCE (ft.)	0
(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(114) FUTURE ADT	24859 (115) YEAR OF FUTURE ADT		2028

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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>16 - Reinforced Concrete Top Flange</b>	1- Ben.	3213	sq. ft.	2763	450	0	0
Longitudinal cracks in spans 1, 2 & 3. 0.025 inch avg.							
1130 - Cracking (RC and Other)		450		0	450	0	0
<b>110 - Reinforced Concrete Open Girder/Beam</b>	1- Ben.	375	ft.	375	0	0	0
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	86	ft.	86	0	0	0
<b>229 - Other Pile</b>	1- Ben.	10	each	10	0	0	0
<b>234 - Reinforced Concrete Pier Cap</b>	1- Ben.	87	ft.	87	0	0	0
<b>301 - Pourable Joint Seal</b>	1- Ben.	86	ft.	51	35	0	0
Scattered areas of both joints have lost adhesion.							
2320 - Seal Adhesion		35		0	35	0	0
<b>331 - Reinforced Concrete Bridge Railing</b>	1- Ben.	150	ft.	150	0	0	0

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**Pictures**

PHOTO 1

Description

PHOTO 2

Description

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**Sketches**

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**Maintenance Needs**