

# Bridge Inspection Report

19039  
S. 10TH ST.  
over  
CREEK



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

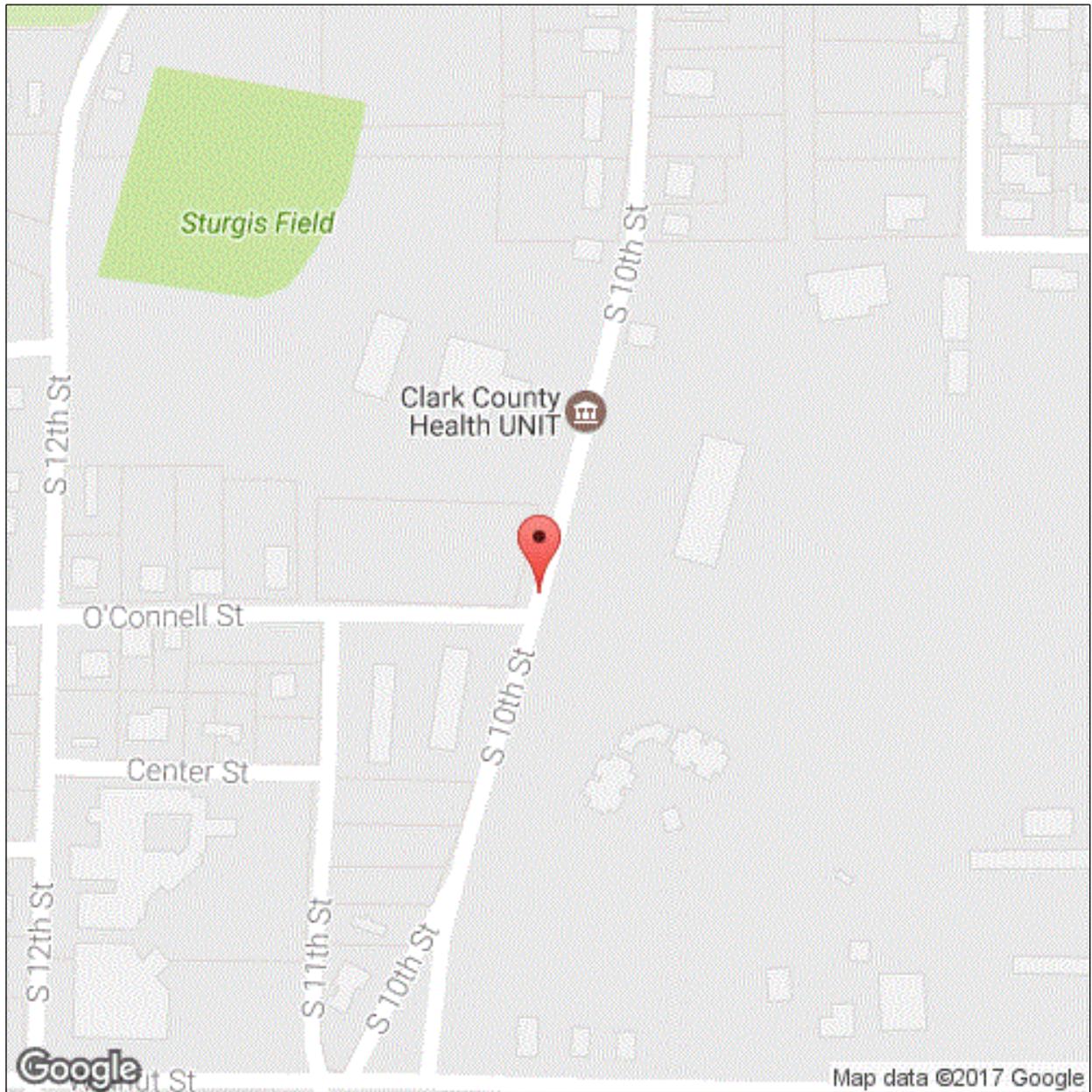
Structure Number: 19039

Inspection Date:

Facility Carried: S. 10TH ST.

Bridge Inspection Report

Location Map



Latitude: 34.115620

Longitude: -93.058578

Inspector:

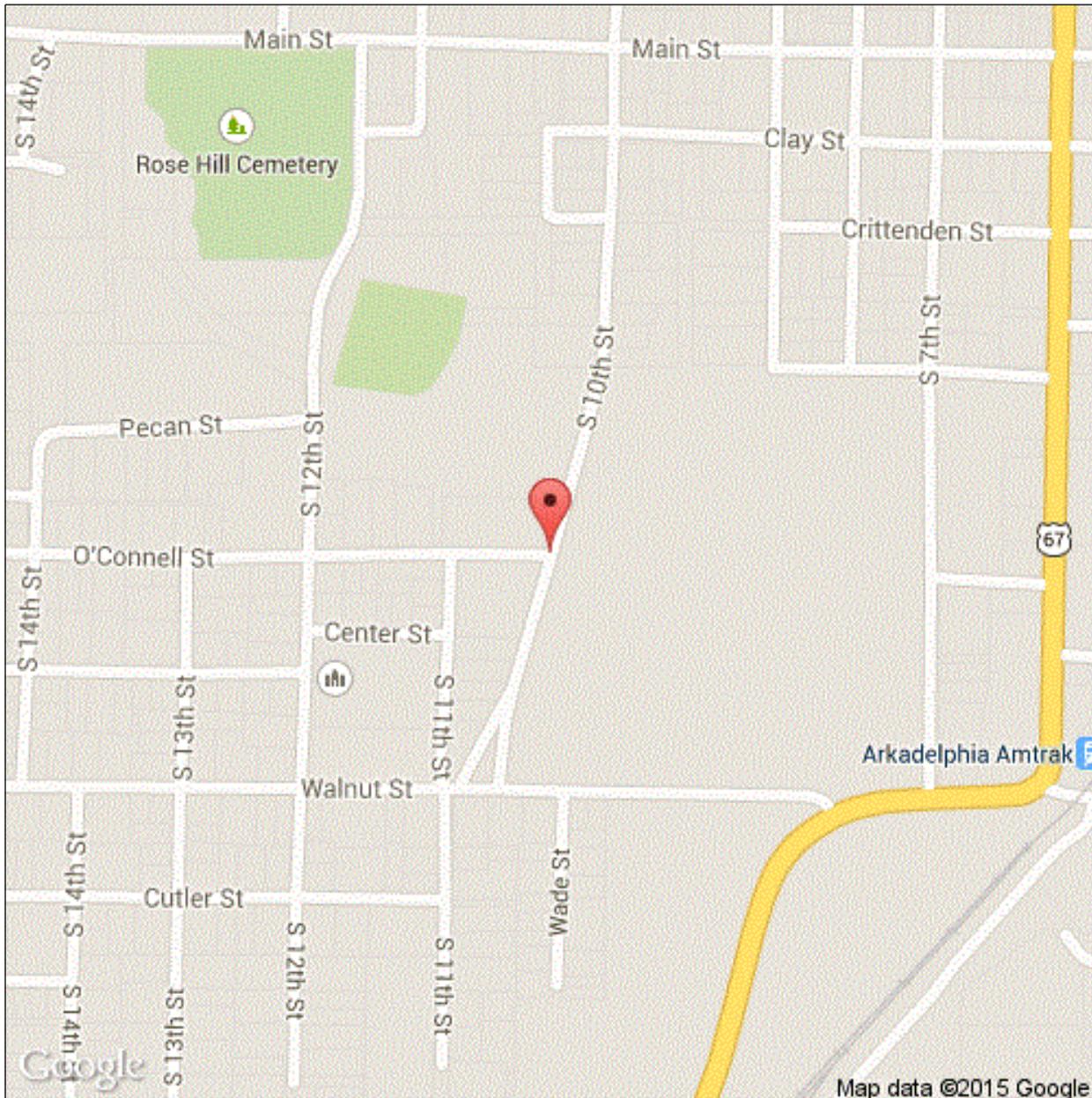
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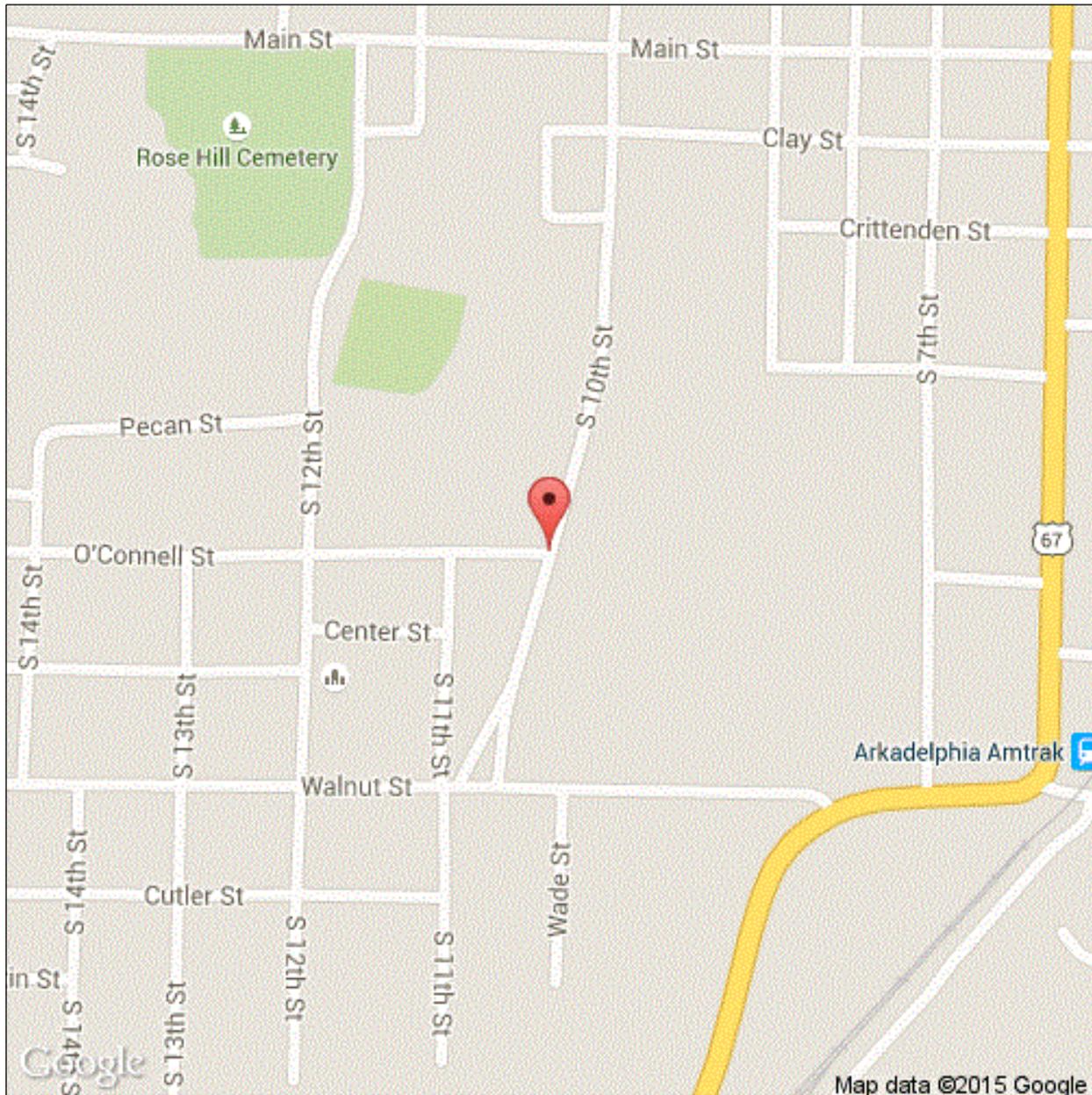
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### Bridge Inspection Report

#### Executive Summary

2 span PC units with wooden substructure Pile 1 bent 2 has a rotten area with hole. Pile 3 bent 3 has a rotten spot. Bent 2 has a drift pile lodged against pile 4.

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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	03/06/2017
(8) STRUCTURE NUMBER	19039	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 5 1 64610 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	07 (3) COUNTY CODE 019	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	01720	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	S. 10TH ST.	CONDITION	
(9) LOCATION	0.4 MI OF JCT MAIN ST.	(58) DECK	7
(11) MILEPOINT 0.400	(12) BASE HIGHWAY NETWORK 0	(59) SUPERSTRUCTURE 6	(60) SUBSTRUCTURE 5
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00	(61) CHANNEL & CHANNEL PROTECTION	8 (62) CULVERT N
(16) LATITUDE 34.115620	(17) LONGITUDE -93.058578	LOAD RATING AND POSTING	
(98A) BORDER BRIDGE CODE		(31) DESIGN LOAD	2
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(63) METHOD USED TO DETERMINE OPERATING RATING	1
STRUCTURE TYPE AND MATERIAL		(64) OPERATING RATING	35
(43) STRUCTURE TYPE, MAIN		(65) METHOD USED TO DETERMINE INVENTORY RATING	1
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(66) INVENTORY RATING	21
B) TYPE OF DESIGN/CONSTR:	22 - Channel Beam	(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	5
(45) NUMBER OF SPANS IN MAIN	2 (46) NUMBER OF APPROACH	(68) DECK GEOMETRY	3
(107) DECK STRUCTURE TYPE	2 (108A) WEARING SURFACE	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	(71) WATERWAY ADEQUACY	7
	0	(72) APPROACH ROADWAY ALIGNMENT	7
AGE OF SERVICE		(36) TRAFFIC SAFETY FEATURE	
(27) YEAR BUILT	1968 (106) YEAR RECONSTRUCTED	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	1212 (19) BYPASS DETOUR LENGTH	36D) APPROACH GUARDRAIL ENDS:	0
(30) YEAR OF AVERAGE DAILY TRAFFIC	1987	(113) SCOUR CRITICAL BRIDGES	5
(109) AVERAGE DAILY TRUCK TRAFFIC	1	SUFFICIENCY RATING	50.8 STATUS 2
		CLASSIFICATION	
GEOMETRIC DATA		(112) NBIS BRIDGE LENGTH	Y
(48) LENGTH OF MAX SPAN (ft.)	12 (49) STRUCTURE LENGTH (ft.)	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	17
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	23.0	(100) STRAHNET HIGHWAY DESIGNATION	0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	25.2	(101) PARALLEL STRUCTURE DESIGNATION	N
(32) APPROACH ROADWAY WIDTH (ft.)	24.0	(102) DIRECTION OF TRAFFIC	2
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(103) TEMP STRUCTURE	
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	(105) FEDERAL LANDS HIGHWAYS	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	24.0	(110) DESIGNATED NATIONAL NETWORK	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(20) TOLL	3
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(21) MAINTENANCE RESPONSIBILITY	04
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(22) OWNER	04
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(37) HISTORICAL	4
PROPOSED IMPROVEMENTS		NAVIGATION DATA	
(75A) TYPE OF WORK PROPOSED	31 (75B) WORK DONE BY	(38) NAVIGATION CONTROL	0
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	47.0	(111) PIER OR ABUTMENT PROTECTION	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(39) NAV VERT CLEARANCE (ft.)	0
(95) ROADWAY IMPROVEMENT COST (\$)	187	(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
(96) TOTAL PROJECT COST	312	(40) NAV HORIZONTAL CLEARANCE (ft.)	0
(97) YEAR OF IMPROVEMENT COST ESTIMATE	2003		
(114) FUTURE ADT	1462 (115) YEAR OF FUTURE ADT		
	2007		

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Element Inspection

- No items available

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Bridge Inspection Report

Pictures

PHOTO 1

Description

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Bridge Inspection Report

Sketches

Inspector:

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Bridge Inspection Report

**Maintenance Needs**

Date Reported: 3/22/2011 12:00:00 AM

Priority: D - Routine

Work Code:

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Deficiency Description:

Substructure components

Bent 1 pile 2 hollow, bent 2 pile 1 rotten, bent 3 piles 2-3 rotten

Work Description:

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Date Repairs Completed:

Maintenance Comments:

---

Date Reported: 3/22/2011 12:00:00 AM

Priority: D - Routine

Work Code:

---

Deficiency Description:

PC units

Span 1 PC units 2,3,5 cracked and spalled.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

---

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 03/24/2015

Priority: C - Important

Work Code: Repair

Deficiency Description:

Pile 1 bent 2 rotten with large hole. Pile 3 bent 3 rotten area.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description

Stage: Assigned



PHOTO 2 Description Bent 2 pile 1 rotten

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Maintenance Needs

Date Reported: 03/24/2015

Priority: C - Important

Work Code:

---

Deficiency Description:

Heavy drift pile lodge against pile 4 bent 2. 03/06/2017 JPR -- Bent 2 @ Pile 4 there is a large log that is against pile 4.

Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Open



PHOTO 1 Description Bent 2 drift right side, against Pile 4.