

Bridge Inspection Report

06498

US 62 Sharp County
over
HACKNEY CREEK



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

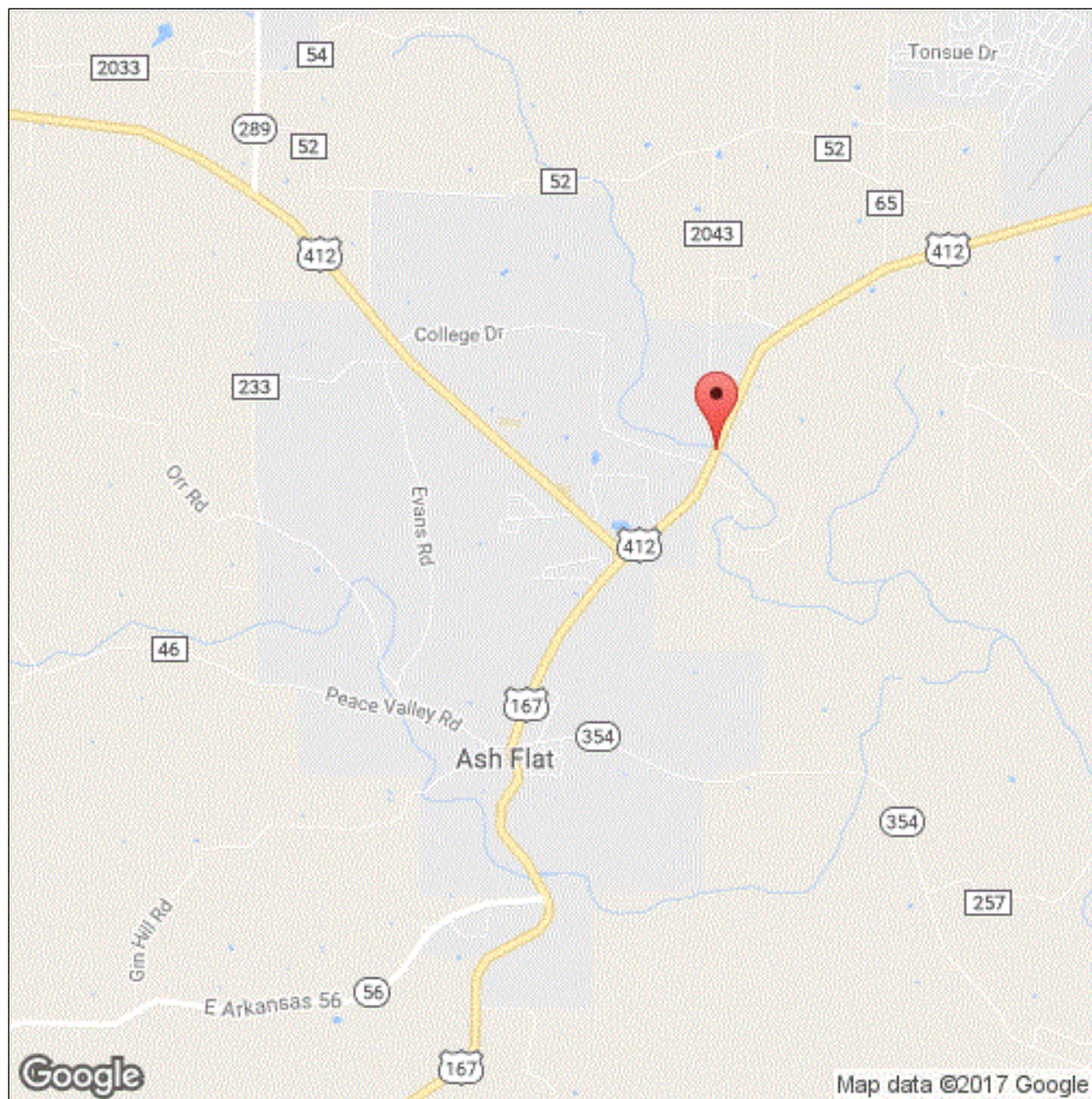
Structure Number: 06498

Inspection Date:

Facility Carried: US 62 Sharp County

Bridge Inspection Report

Location Map



Latitude: 36.24289

Longitude: -91.59250

Inspector:

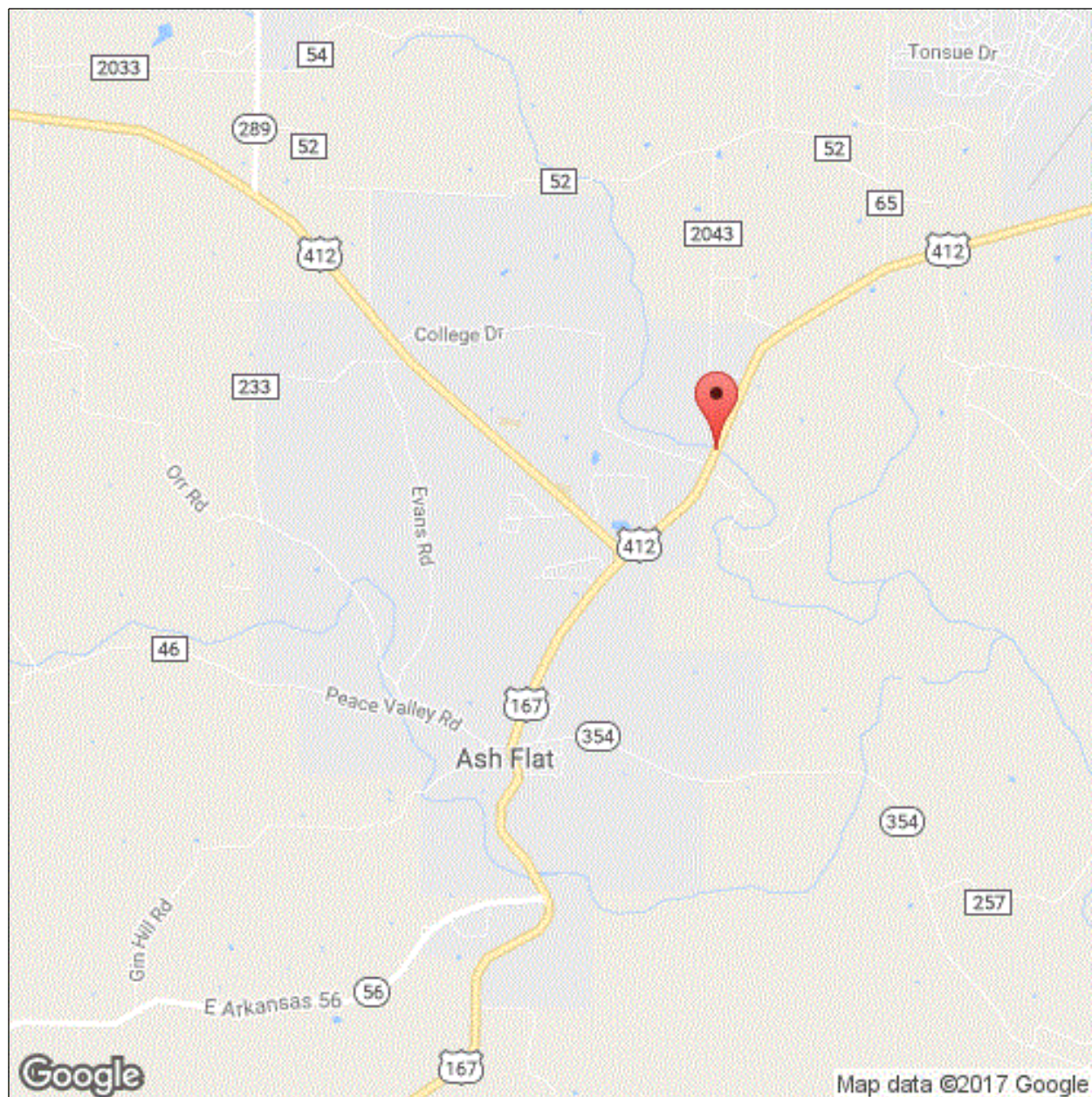
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Location Map



Latitude: 36.24289

Longitude: -91.59250

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Bridge Inspection Report

Executive Summary

Logmile looking Northeast.

Construction Job 05941.

Inspector:

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	01/02/2019
(8) STRUCTURE NUMBER	06498	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 62 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	05 (3) COUNTY CODE 135	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	HACKNEY CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 62 Sharp County		
(9) LOCATION	.66 MI S FULTON CO LINE		
(11) MILEPOINT 0.660	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000062150 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 36.24289	(17) LONGITUDE -91.59250		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	7
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(59) SUPERSTRUCTURE	8
B) TYPE OF DESIGN/CONSTR: 04 - Tee Beam		(60) SUBSTRUCTURE	7
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	8
A) KIND OF MATERIAL/DESIGN: 0 - Other		(62) CULVERT	N
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN 3	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 0		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 1		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1994	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	5
(42) TYPE OF SERVICE ON 1 UNDER 5		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 04 UNDER 00		(64) OPERATING RATING	60
(29) AVERAGE DAILY TRAFFIC 11000	(19) BYPASS DETOUR LENGTH 12	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	36
(109) AVERAGE DAILY TRUCK TRAFFIC 1		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 32	(49) STRUCTURE LENGTH (ft.) 105	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	9
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 67.9		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 70.8		(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.) 67.9		(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 0	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	36A) BRIDGE RAILINGS:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.) 69.2		36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	0
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	8
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING	88.2
		STATUS	0
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 0		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02
(95) ROADWAY IMPROVEMENT COST (\$)	0	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	0	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 12796	(115) YEAR OF FUTURE ADT 2028	(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	1
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	01
		(22) OWNER	01
		(37) HISTORICAL	5
		NAVIGATION DATA	
		(38) NAVIGATION CONTROL	0
		(111) PIER OR ABUTMENT PROTECTION	1
		(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
16 - Reinforced Concrete Top Flange	1- Ben.	7434	sq. ft.	5220	1510	704	0
	Unsealed cracks to deck. Spall to Left outside edge of deck over Bent 1 with light rust. Longitudinal & diagonal cracks with efflorescence & rust to soffit @ all spans.						
1120 - Efflorescence/Rust Staining		1066		0	962	104	0
1130 - Cracking (RC and Other)		1148		0	548	600	0
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	945	ft.	945	0	0	0
205 - Reinforced Concrete Column	1- Ben.	8	each	8	0	0	0
215 - Reinforced Concrete Abutment	1- Ben.	136	ft.	102	29	5	0
	Abutment 1 - Vertical efflorescent cracking, some with rust stains to Abutment 1. Abutment 2 -Vertical & horizontal efflorescent cracking, some with rust stains to Abutment 2.						
1120 - Efflorescence/Rust Staining		34		0	29	5	0
234 - Reinforced Concrete Pier Cap	1- Ben.	142	ft.	139	3	0	0
	Efflorescent cracking to cap at Bents 1 & 2 near centerline.						
1120 - Efflorescence/Rust Staining		3		0	3	0	0
301 - Pourable Joint Seal	1- Ben.	142	ft.	0	71	71	0
	Pourable joint seal is losing adhesion @ Bents 1 & 2.						
2320 - Seal Adhesion		142		0	71	71	0
331 - Reinforced Concrete Bridge Railing	1- Ben.	250	ft.	234	16	0	0
	Vertical cracking to Left & Right parapets.						
1130 - Cracking (RC and Other)		16		0	16	0	0

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Bridge Inspection Report

Pictures

PHOTO 1

Description

PHOTO 2

Description

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Bridge Inspection Report

Pictures

PHOTO 3

Description

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Bridge Inspection Report

Sketches

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 1/18/2011 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Unsealed cracks to deck at all spans

Spall to Left outside edge of deck at Bent 1.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Spall to Left outside edge of deck at Bent 1.

Stage: Assigned



PHOTO 2 Description Typical unsealed cracks to deck at all spans.

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Maintenance Needs

Date Reported: 01/02/2019

Priority: D - Routine

Work Code: N/A

Deficiency Description:

Debris in Left & Right gutter lines

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description Debris in Left gutter line.