

Bridge Inspection Report

01450

SH 367 White Co.

over

DESARC BAYOU RELIEF



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

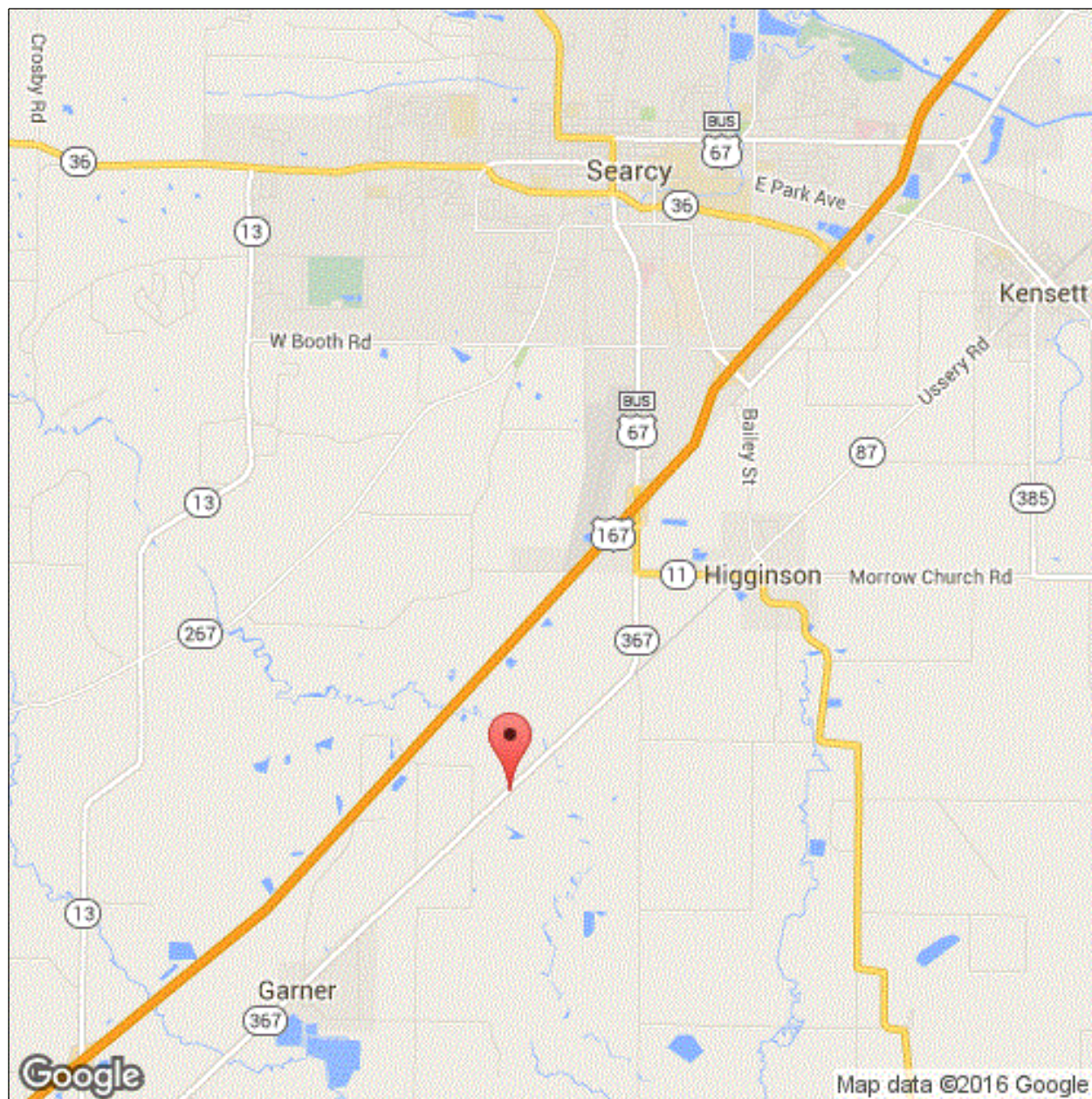
Structure Number: 01450

Inspection Date:

Facility Carried: SH 367 White Co.

Bridge Inspection Report

Location Map



Latitude: 35.16717

Longitude: -91.75278

Inspector:

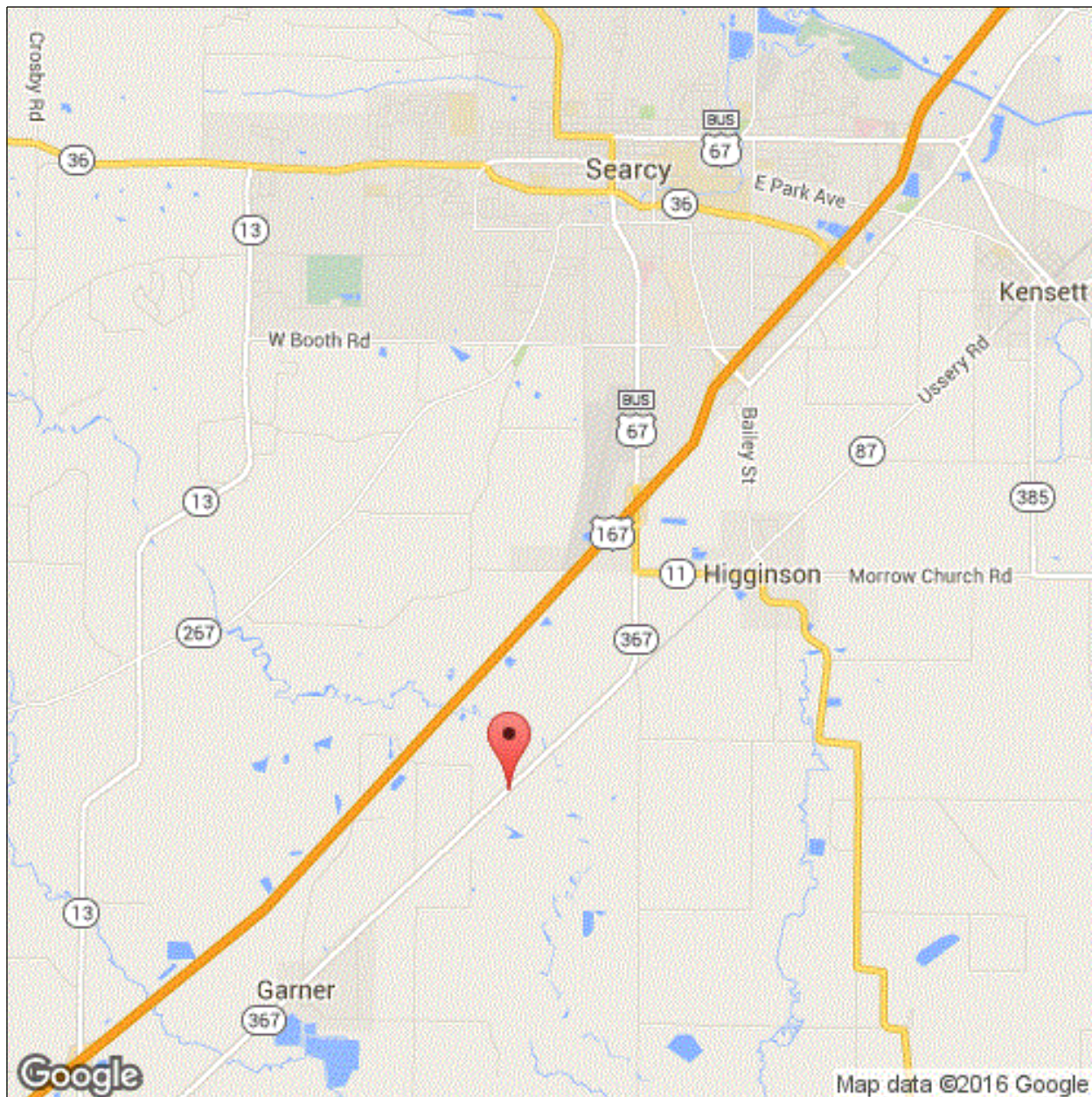
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Location Map



Latitude: 35.16717

Longitude: -91.75278

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Bridge Inspection Report

Executive Summary

Logmile looking Northeast.
Construction Job 584.

Inspector:

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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	06/11/2018
(8) STRUCTURE NUMBER	01450	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 367 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	05 (3) COUNTY CODE 145	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	DESARC BAYOU RELIEF	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 367 White Co.		
(9) LOCATION	2.81 MI SW JCT OF US 67		
(11) MILEPOINT 13.927	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.16717	(17) LONGITUDE -91.75278		
(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	6 (60) SUBSTRUCTURE 6
B) TYPE OF DESIGN/CONSTR: 04 - Tee Beam		(61) CHANNEL & CHANNEL PROTECTION	7 (62) CULVERT N
(44) STRUCTURE TYPE, APPROACH SPANS			
A) KIND OF MATERIAL/DESIGN: 0 - Other			
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 6		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 0		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1931	(106) YEAR RECONSTRUCTED 1961	(31) DESIGN LOAD	4
(42) TYPE OF SERVICE ON 1	UNDER 5	(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 02	UNDER 00	(64) OPERATING RATING	45.0
(29) AVERAGE DAILY TRAFFIC 1200	(19) BYPASS DETOUR LENGTH 14	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	27.0
(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.) 25	(49) STRUCTURE LENGTH (ft.) 75	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0	RIGHT 0	(68) DECK GEOMETRY	5
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	27.9	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	31	(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.)	42.0	(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:	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	30.8	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:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	SUFFICIENCY RATING	75.6 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	0
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(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 1762	(115) YEAR OF FUTURE ADT 2028	(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	0
		(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

Inspector:

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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	2093	sq. ft.	1938	0	155	0
	Overlay cracking @ all joints. Transverse efflorescent cracks, some with rust to soffit @ all spans. Minor transverse cracking to soffit.						
1120 - Efflorescence/Rust Staining		155				155	
510 - Wearing Surfaces		2093	sq. ft.	1925	0	168	0
3220 - Crack (Wearing Surface)		168				168	
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	375	ft.	368	1	6	0
	Highchairs exposed to bottom of Girder 1 @ all spans. Span 2 - Corroded rebar to haunch @ Girder 2. Efflorescent cracking to Girder 3 @ Span 2. Longitudinal cracking to Girders 3 & 4 @ beginning of Span 3.						
1120 - Efflorescence/Rust Staining		1			1		
1130 - Cracking (RC and Other)		6				6	
205 - Reinforced Concrete Column	1- Ben.	6	each	0	6	0	0
	Abrasion to bottom of all columns.						
1190 - Abrasion/Wear (PSC/RC)		6			6		
210 - Reinforced Concrete Pier Wall	1- Ben.	43	ft.	0	42	1	0
	Vertical cracking to Pier Wall @ Bent 1. Vertical efflorescent cracking to Pier Wall @ Bent 2. Spall with rebar exposed to ahead side of Pier Wall @ Bent 2. Abrasion to bottom of Pier Walls @ Bents 1 & 2.						
1090 - Exposed Rebar		1				1	
1120 - Efflorescence/Rust Staining		1			1		
1130 - Cracking (RC and Other)		1			1		
1190 - Abrasion/Wear (PSC/RC)		40			40		
215 - Reinforced Concrete Abutment	1- Ben.	68	ft.	49	10	9	0
	Abutment 2 has efflorescent map cracking/spalling with rebar exposed to back wall between Girder 3-5 Abutment 1 - Efflorescent cracking to Abutment 1.						
1090 - Exposed Rebar		3				3	
1120 - Efflorescence/Rust Staining		16			10	6	
234 - Reinforced Concrete Pier Cap	1- Ben.	54	ft.	50	1	3	0
	Bent 1 - Spalls & efflorescent map cracking to Left end of cap. Bent 2 - Full height efflorescent crack with rust near center line. Spall with 6" rebar exposed to ahead side of cap.						
1120 - Efflorescence/Rust Staining		3				3	
1130 - Cracking (RC and Other)		1			1		

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Element Inspection

311 - Movable Bearing	1- Ben.	5	each	4	0	1	0
Rust to Moveable Bearing 1 @ Bent 2.							
1000 - Corrosion		1				1	
330 - Metal Bridge Railing	1- Ben.	150	ft.	100	50	0	0
Minor corrosion to Left & Right bridge rails & posts.							
1000 - Corrosion		50			50		
515 - Steel Protective Coating		450	sq. ft.	0	300	150	0
3440 - Effectiveness (Steel Protective Coatings)		450			300	150	

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Pictures

PHOTO 1

Description

PHOTO 2

Description

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Bridge Inspection Report

Sketches

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 6/12/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Efflorescent map cracking & spalling to Left end of cap at Bent 1.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Efflorescent cracking to Left end of Bent 1.

Inspector:

Structure Number: 01450

Inspection Date:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 6/12/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Spall with 6" of rebar exposed to cap at Bent 2.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Spall with 6" of rebar exposed to cap at Bent 2.

Inspector:

Structure Number: 01450

Inspection Date:

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Bridge Inspection Report

Maintenance Needs

Date Reported:

Priority: D - Routine

Work Code:

Deficiency Description:

Embankment settled to Left end of Abutment 2.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Embankment has settled at Left end of Abutment 2.

Stage: Monitor



PHOTO 2 Description Erosion to embankment has been repaired.