

Bridge Inspection Report

01451
SH 367 WHITE
over
DESARC BAYOU RELIEF



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

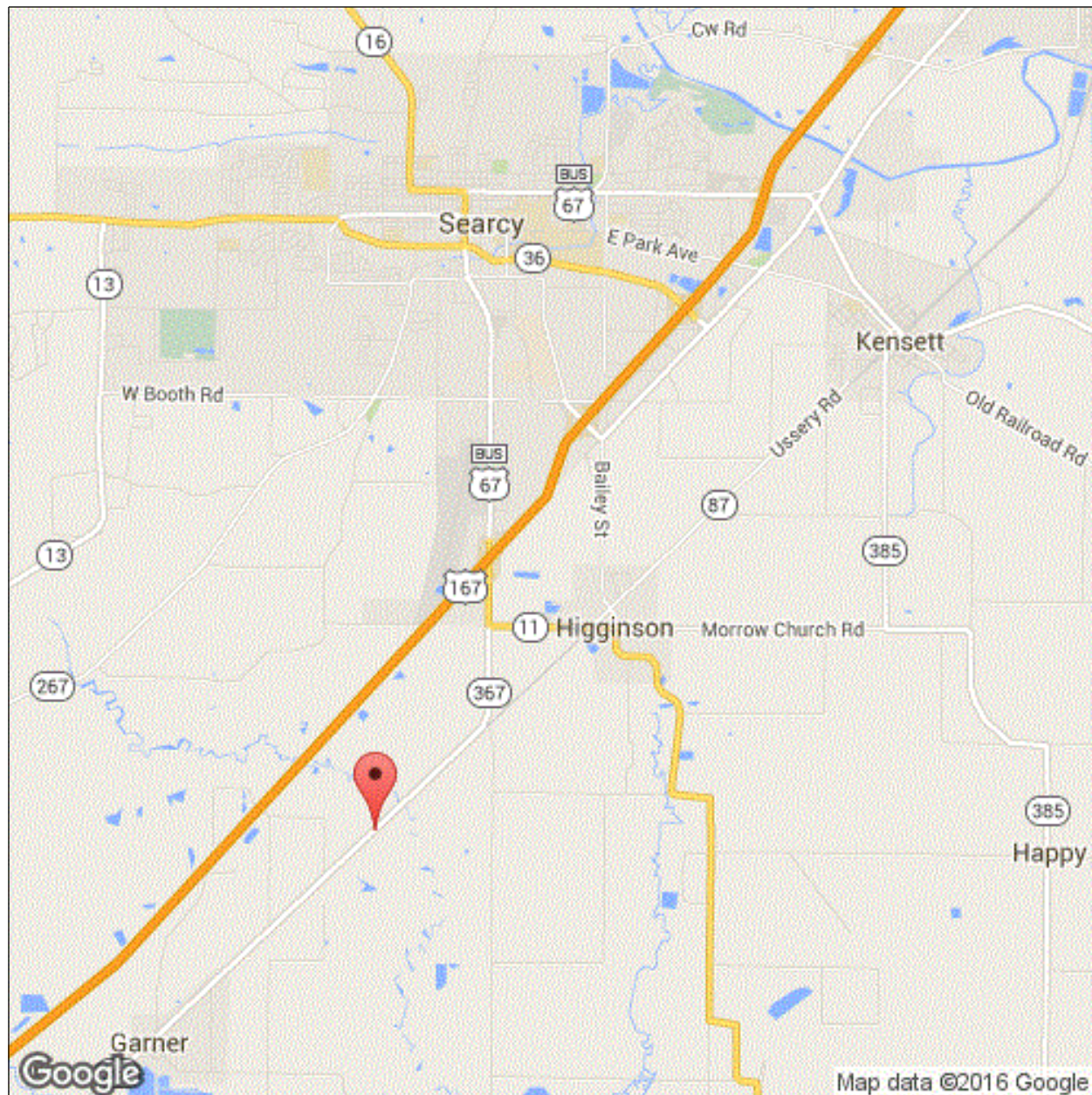
Structure Number: 01451

Inspection Date:

Facility Carried: SH 367 WHITE

Bridge Inspection Report

Location Map



Latitude: 35.16892

Longitude: -91.75050

Inspector:

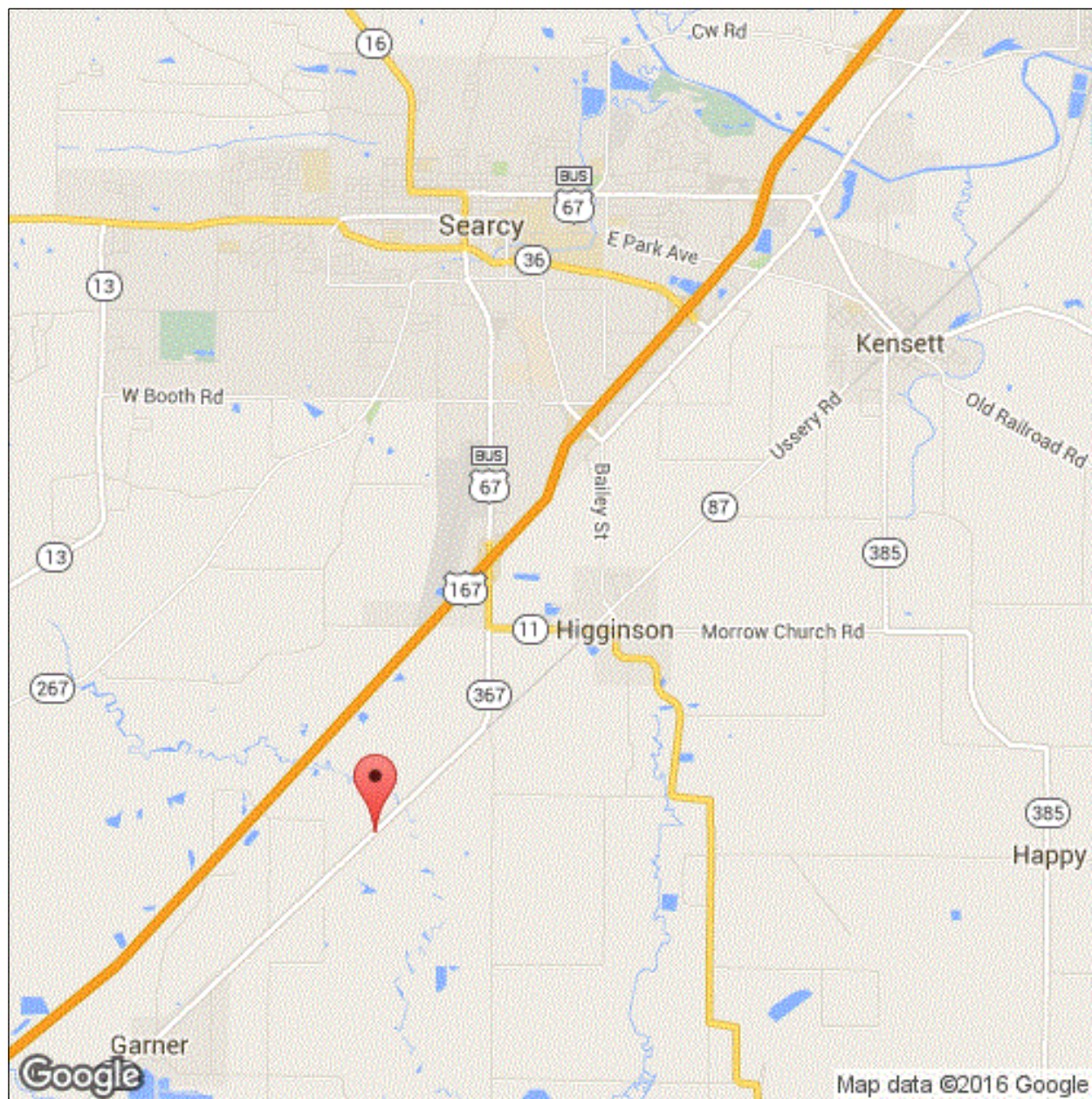
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Location Map



Latitude: 35.16892

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Bridge Inspection Report

Executive Summary

Log Mile running Northeast.

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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	07/30/2018
(8) STRUCTURE NUMBER	01451	(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		
(9) LOCATION	2.65 MI SW JCT OF US 67		
(11) MILEPOINT 14.087	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.16892	(17) LONGITUDE -91.75050		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	6
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(59) SUPERSTRUCTURE 7	(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	56.0
(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	34.0
(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.) 40	(49) STRUCTURE LENGTH (ft.) 120	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 1.7 RIGHT 1.7		(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	7
(32) APPROACH ROADWAY WIDTH (ft.) 41.0		(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:	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING	81.3 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

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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.	3720	sq. ft.	3642	33	45	0
	Cracks & potholes to asphalt at all spans. Efflorescent cracks, some with rust stains & minor spalls to soffit & Left & Right overhangs. Span 1 - Spalls with 11' rebar exposed between Girders 3 & 4 Span 2 - Spall with 6' rebar exposed between girders 3 & 4. Span 3 - Spalls with 4' rebar exposed between girders 3 & 4.						
1090 - Exposed Rebar		21		0	0	21	0
1120 - Efflorescence/Rust Staining		57		0	33	24	0
510 - Wearing Surfaces		3360	sq. ft.	2652	100	608	0
3210 - Delamination/Spall/Patched Area/Pothole (Wearing Surfaces)		400		0	100	300	0
3220 - Crack (Wearing Surface)		308		0	0	308	0
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	480	ft.	428	51	1	0
	Span 1 - Light efflorescent cracking to sides of Girders at end of Span 1. Span 2 - 1 efflorescent crack to Girder 1 @ Span 2. Minor spall with rebar exposed near mid span to Girder 3. Spans 1, 2 & 3 have rebar highchairs exposed to bottom of Girder 1. Hairline vertical cracks to Girders 2, 3, & 4 at all spans.						
1090 - Exposed Rebar		1		0	0	1	0
1120 - Efflorescence/Rust Staining		3		0	3	0	0
1130 - Cracking (RC and Other)		48		0	48	0	0
205 - Reinforced Concrete Column	1- Ben.	6	each	0	5	1	0
	Bent 2 - Spall to Left column. Abrasion along bottom of all columns.						
1080 - Delamination/Spall/Patched Area		1		0	0	1	0
1190 - Abrasion/Wear (PSC/RC)		5		0	5	0	0
210 - Reinforced Concrete Pier Wall	1- Ben.	43	ft.	0	43	0	0
	1 vertical crack to Concrete Pier Walls @ Bents 1 & 2. Abrasion to bottom of Concrete Pier Walls & Bents 1 & 2.						
1130 - Cracking (RC and Other)		2		0	2	0	0
1190 - Abrasion/Wear (PSC/RC)		41		0	41	0	0
215 - Reinforced Concrete Abutment	1- Ben.	66	ft.	48	10	8	0
	Abutment 1 - Diagonal efflorescent cracks to backwall between Girders 1 -2, 3 & 4. Diagonal cracking to backwall between Girders 2 & 3 @ Abutment 1. Abutment 2 - Large slab spall to backwall between Girder 2 & 3.						
1080 - Delamination/Spall/Patched Area		8		0	0	8	0

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Element Inspection

1120 - Efflorescence/Rust Staining		3		0	3	0	0
1130 - Cracking (RC and Other)		7		0	7	0	0
234 - Reinforced Concrete Pier Cap	1- Ben.	54	ft.	51	1	2	0
Bent 1 - Full height vertical crack to cap. Bent 2 - Minor spall to Left end of cap.							
1080 - Delamination/Spall/Patched Area		2		0	0	2	0
1130 - Cracking (RC and Other)		1		0	1	0	0
304 - Open Expansion Joint	1- Ben.	62	ft.	62	0	0	0
Joints are not visible due to a/c overlay.							
311 - Movable Bearing	1- Ben.	4	each	4	0	0	0
330 - Metal Bridge Railing	1- Ben.	240	ft.	60	180	0	0
Areas of rust forming to guard rail. Vertical & horizontal cracking to Left & Right curbs.							
1000 - Corrosion		120		0	120	0	0
1010 - Cracking		60		0	60	0	0
515 - Steel Protective Coating		720	sq. ft.	0	0	720	0
3440 - Effectiveness (Steel Protective Coatings)		720		0	0	720	0

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Bridge Inspection Report

Pictures

PHOTO 1

Description

PHOTO 2

Description

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Facility Carried: SH 367 WHITE

Bridge Inspection Report

Pictures

PHOTO 2

Description

Inspector:

Inspection Date:

Structure Number: 01451

Facility Carried: SH 367 WHITE

Bridge Inspection Report

Sketches

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 7/5/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Large slab spall w/efflor. & rust stains to backwall between girders 2 & 3 at Abutment 2.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Large slab spall w/t efflorescence & rust stains to backwall between girders 2 & 3 at Abutment 2.

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Maintenance Needs

Date Reported: 7/5/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Heavy vegetation to left & right sides at Spans 1 & 3

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Heavy vegetation to Left & Right sides of Span 1 & 3.