

Bridge Inspection Report

A1337
US 64 White Co.
over
WHITE RIVER RELIEF



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

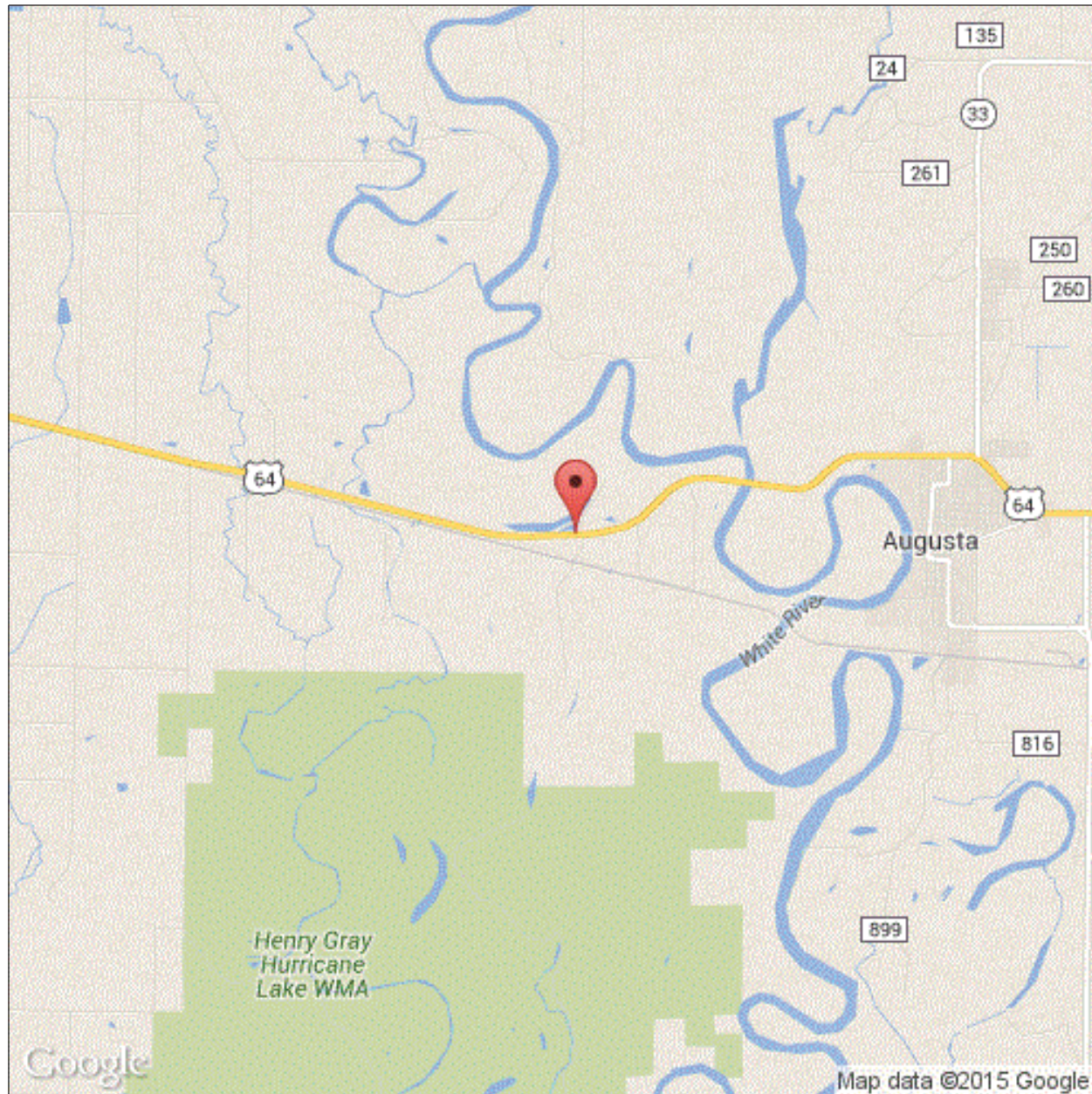
Structure Number: A1337

Inspection Date:

Facility Carried: US 64 White Co.

Bridge Inspection Report

Location Map



Latitude: 35.283070

Longitude: -91.421478

Inspector:

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Executive Summary

Log Mile looking East
Const. Job 5501.

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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION						INSPECTIONS	
(1) STATE CODE		056 - Arkansas				(90) INSPECTION DATE 09/16/2015	
(8) STRUCTURE NUMBER		A1337				(91) DESIGNATED INSPECTION FREQUENCY 24	
(5) INV. ROUTE (ON/UNDER)		1	2	1	64	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		WHITE RIVER RELIEF				C. OTHER SPECIAL N	
(7) FACILITY CARRIED		US 64 White Co.					
(9) LOCATION		8.43 MI EAST JCT US 67					
(11) MILEPOINT 8.880		(12) BASE HIGHWAY NETWORK 1					
(13A) LRS INVENTORY ROUTE 0000064110		(13B) SUBROUTE NUMBER 00					
(16) LATITUDE 35.283070		(17) LONGITUDE -91.421478					
(98A) BORDER BRIDGE CODE							
PERCENT RESPONSIBILITY		(99) BORDER BRIDGE STRUCT					
STRUCTURE TYPE AND MATERIAL							
(43) STRUCTURE TYPE, MAIN							
A) KIND OF MATERIAL/DESIGN: 1 - Concrete							
B) TYPE OF DESIGN/CONSTR: 04 - Tee Beam							
(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 8		(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							
(27) YEAR BUILT 1930		(106) YEAR RECONSTRUCTED 1962					
(42) TYPE OF SERVICE ON 1		UNDER 5					
(28) LANES ON 02		UNDER 00					
(29) AVERAGE DAILY TRAFFIC 5400		(19) BYPASS DETOUR LENGTH 57					
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014							
(109) AVERAGE DAILY TRUCK TRAFFIC 15							
GEOMETRIC DATA							
(48) LENGTH OF MAX SPAN (ft.) 34		(49) STRUCTURE LENGTH (ft.) 272					
(50) CURB/SIDEWALK WIDTHS (ft.)		LEFT 1.5		RIGHT 1.5			
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)		27.9					
(52) DECK WIDTH, OUT-TO-OUT (ft.)		30.9					
(32) APPROACH ROADWAY WIDTH (ft.)		42.0					
(33) BRIDGE MEDIAN 0		(34) SKEW (DEG.) 0					
(35) STRUCTURE FLARED 0		(10) INV RTE, MIN VERT CLEAR (ft.) 99.99					
(47) TOTAL HORIZONTAL CLEARANCE (ft.)		27.9					
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99							
(54) VERTICAL UNDER CLEARANCE (ft.)		N				0	
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)		N				99.9	
(56) MIN LATERAL UNDER CLEARANCE (ft.)		0					
PROPOSED IMPROVEMENTS							
(75A) TYPE OF WORK PROPOSED		(75B) WORK DONE BY					
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 0							
(94) BRIDGE IMPROVEMENT COST (\$)		0					
(95) ROADWAY IMPROVEMENT COST (\$)		0					
(96) TOTAL PROJECT COST		0					
(97) YEAR OF IMPROVEMENT COST ESTIMATE							
(114) FUTURE ADT 7700		(115) YEAR OF FUTURE ADT 2033					

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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.	8405	sq. ft.	8405			
	Asphalt is raveling @ open joints						
510 - Wearing Surfaces		7616	sq. ft.	7616			
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	1632	ft.	1576	56		0
	Random cracking & spalls with rebar exposed to girders. See Form III						
1090 - Exposed Rebar		6			6		
1130 - Cracking (RC and Other)		50			50		
215 - Reinforced Concrete Abutment	1- Ben.	70	ft.	70			
220 - Reinforced Concrete Pile Cap/Footing	1- Ben.	57	ft.	0	57		
	Honeycomb area with rebar exposed. SEE FORM III						
227 - Reinforced Concrete Pile	1- Ben.	42	each	0	42		
	Random cracks or spalls to Piles. SEE FORM III						
234 - Reinforced Concrete Pier Cap	1- Ben.	199	ft.	188	11		0
	Spalls with rebar exposed to cap @ Bents 1, 2, 3 & 6 SEE FORM III						
1090 - Exposed Rebar		11			11		
311 - Movable Bearing	1- Ben.	23	each	17		6	0
	Rust & section loss to Bearings 1 & 6 @ Bents 2, 4 & 6.						
1000 - Corrosion		6				6	
330 - Metal Bridge Railing	1- Ben.	544	ft.	544			
	All metal bridge rails peeling & rusting.						
515 - Steel Protective Coating		1632	sq. ft.	0		1632	

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Pictures



4 inches of asphalt on the deck



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Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Bent 4 has Large honeycomb area with 6" rebar exposed to back side of Sub Cap between Pile 1 & 2.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description Bent 4 has Large honeycomb area with 6" rebar exposed to back side of Sub Cap between Pile 1 & 2.

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Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Replace

Deficiency Description:

All Guard rail is rusting & peeling.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description All Guard Rail is rusting & areas of peeling paint.

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Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Spalls with rebar exposed to caps @ Bents 1, 2, 3 & 6

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Spalls with rebar exposed to Caps @
Bents 1, 2, 3 & 6.

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Replace

Deficiency Description:

Rust & section loss to bearings 1 & 6 @ Bents 2, 4 & 6

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Rust & section loss to Bearings 1 & 6
@ Bents 2, 4 & 6

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Bridge Inspection Report

Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Spalls with rebar exposed to Deck below @ Spans 1, 2, 3, 4, 6, 7 & 8

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Spalls with rebar exposed to Deck below @ Spans 1, 2, 3, 4, 6, 7 & 8.

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Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Spalls with rebar exposed to Concrete Diaphragms @ Spans 2, 4, 5, 6, 7 & 8.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Spalls with rebar exposed to Concrete Diaphragms @ Spans 2, 4, 5, 6, 7 & 8.