

Bridge Inspection Report

A1328
US 64 White
over
LITTLE MINGO CREEK



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

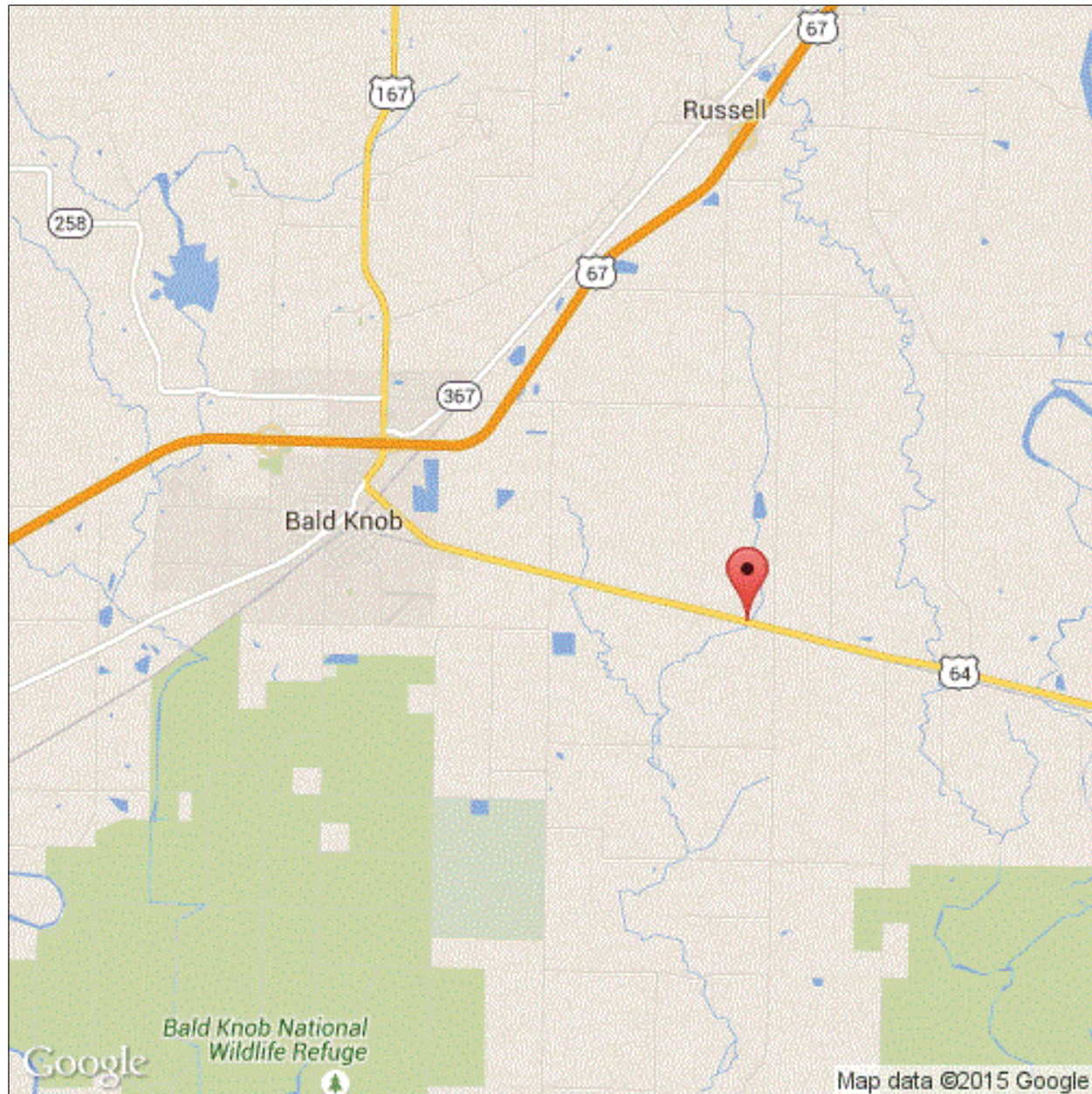
Structure Number: A1328

Inspection Date:

Facility Carried: US 64 White

Bridge Inspection Report

Location Map



Latitude: 35.29676

Longitude: -91.50396

Inspector:

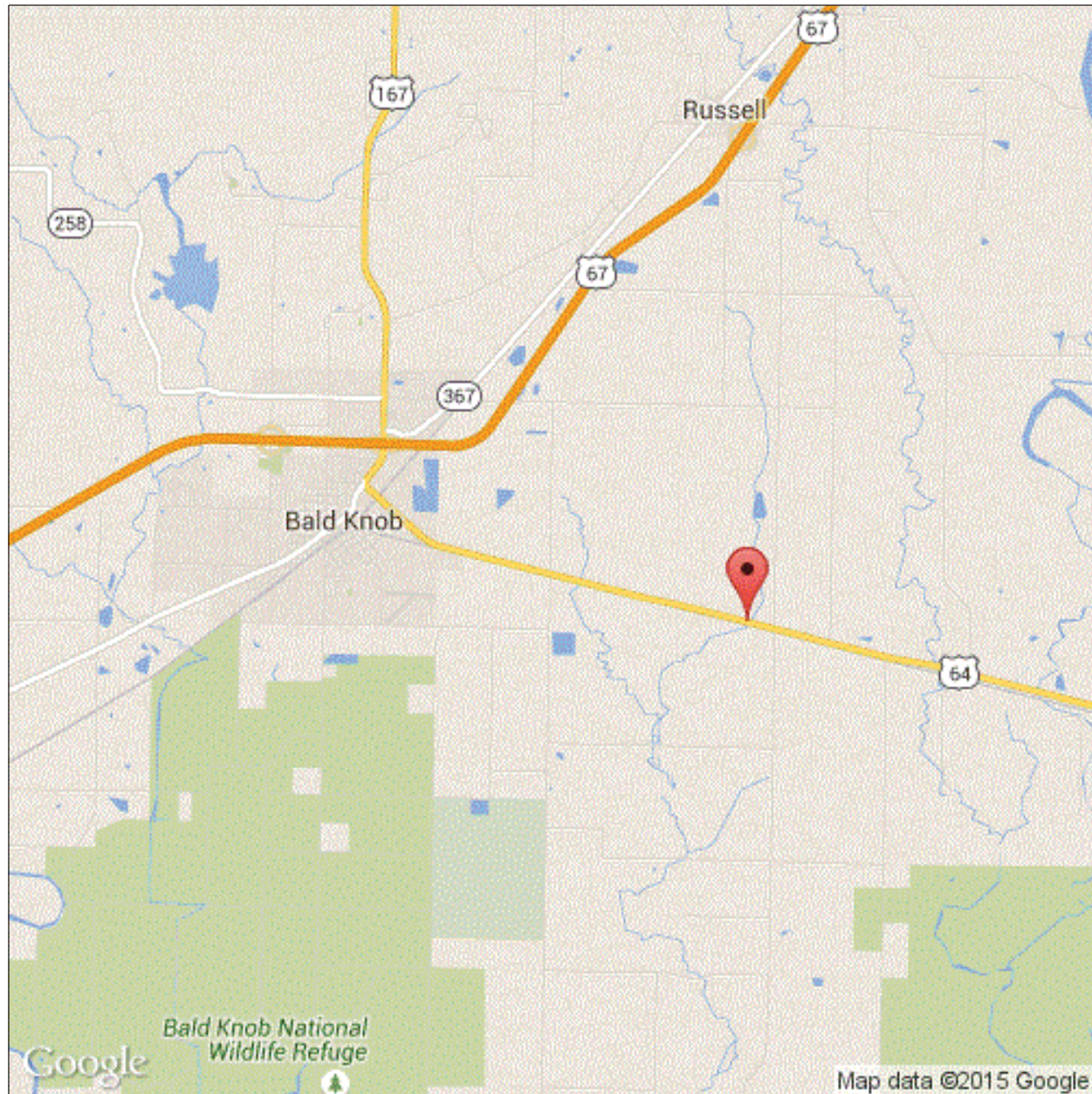
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Executive Summary

Log Mile looking East

Const. Job 1121 Widened 5501

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National Bridge Inventory

IDENTIFICATION						INSPECTIONS	
(1) STATE CODE		056 - Arkansas				(90) INSPECTION DATE 09/16/2015	
(8) STRUCTURE NUMBER		A1328				(91) DESIGNATED INSPECTION FREQUENCY 24	
(5) INV. ROUTE (ON/UNDER)		1	2	1	64	0	(92) CRITICAL FEATURE INSPECTION
(2) HIGHWAY AGENCY 05		(3) COUNTY CODE 145				(93) CFI DATE	
(4) PLACE CODE		00000				A. FRACTURE CRITICAL DETAIL N	
(6) FEATURES INTERSECTED		LITTLE MINGO CREEK				B. UNDERWATER INSPECTION N	
(7) FACILITY CARRIED		US 64 White				C. OTHER SPECIAL N	
(9) LOCATION		3.89 MI E JCT US 67				CONDITION	
(11) MILEPOINT 3.890		(12) BASE HIGHWAY NETWORK 1				(58) DECK 7	
(13A) LRS INVENTORY ROUTE 0000064110		(13B) SUBROUTE NUMBER 00				(59) SUPERSTRUCTURE 6 (60) SUBSTRUCTURE 7	
(16) LATITUDE 35.29676		(17) LONGITUDE -91.50396				(61) CHANNEL & CHANNEL PROTECTION 7 (62) CULVERT N	
(98A) BORDER BRIDGE CODE						LOAD RATING AND POSTING	
PERCENT RESPONSIBILITY		(99) BORDER BRIDGE STRUCT				(31) DESIGN LOAD 4	
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 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							
(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 5200		(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.) 102					
(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.)		31					
(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 31		(75B) WORK DONE BY 1					
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)		129.0					
(94) BRIDGE IMPROVEMENT COST (\$)		0					
(95) ROADWAY IMPROVEMENT COST (\$)		265					
(96) TOTAL PROJECT COST		776					
(97) YEAR OF IMPROVEMENT COST ESTIMATE		2002					
(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.	3162	sq. ft.	3162			
	Transverse cracks in asphalt @ joints. Few spalls to Span 1 & 2 with 1.5' rebar exposed to soffit. SEE FORM III						
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	600	ft.	583	17		0
	Several spalls to girders with rebar exposed. SEE FORM III						
1090 - Exposed Rebar		17			17		
215 - Reinforced Concrete Abutment	1- Ben.	70	ft.	70			
227 - Reinforced Concrete Pile	1- Ben.	12	each	0	12		0
	Minor scour to Left end of Bent 2 Moderate scaling to bottom of all columns.						
1190 - Abrasion/Wear (PSC/RC)		12			12		
234 - Reinforced Concrete Pier Cap	1- Ben.	58	ft.	52	6		0
	Few random spalls to caps SEE FORM III						
1090 - Exposed Rebar		6			6		
311 - Movable Bearing	1- Ben.	18	each	18			
	Bent 2 Girders 1 - 6 rust and section loss to bearing.						
330 - Metal Bridge Railing	1- Ben.	204	ft.	204			
	Paint peeling/ rust forming						
515 - Steel Protective Coating		612	sq. ft.	612			

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Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Spall to concrete diaphragm's between girders 2 & 3 @ beginning of span 3.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description Spall to concrete Diaphragm's between Girders 2 & 3 @ beginning of Span 3.

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Bridge Inspection Report

Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Girders at Spans 1 - 3 have spalls with rebar exposed at several locations.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Girders at Spans 1 thru 3 have random spalls with rebar exposed at several locations. (Span 1)

Stage: Monitor



PHOTO 2 Description Girders at Spans 1 thru 3 have spalls with rebar exposed at several locations. (Span 3 girder 2 @ beginning of span)

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Bridge Inspection Report

Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Spall with rebar exposed to cap @ Bent 2 back & ahead side.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Spall with rebar exposed to cap @ Bent 2. (Back side)

Stage: Monitor



PHOTO 2 Description Spall with rebar exposed to cap @ Bent 2 back & ahead side. (Ahead side)

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Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Repair

Deficiency Description:

Paint peeling and rust forming to all post and guard rail.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Paint peeling and rust forming to all post and guard rail.

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 09/16/2015

Priority: D - Routine

Work Code: Replace

Deficiency Description:

Bearings 1 & 6 @ Bent 2 have rust and section loss.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Bearings 1 & 6 @ Bent 2 have rust and section loss.