

# Bridge Inspection Report

**A1333**  
**US 64 WHITE CO.**  
**over**  
**WHITE RIVER RELIEF**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

Inspector:

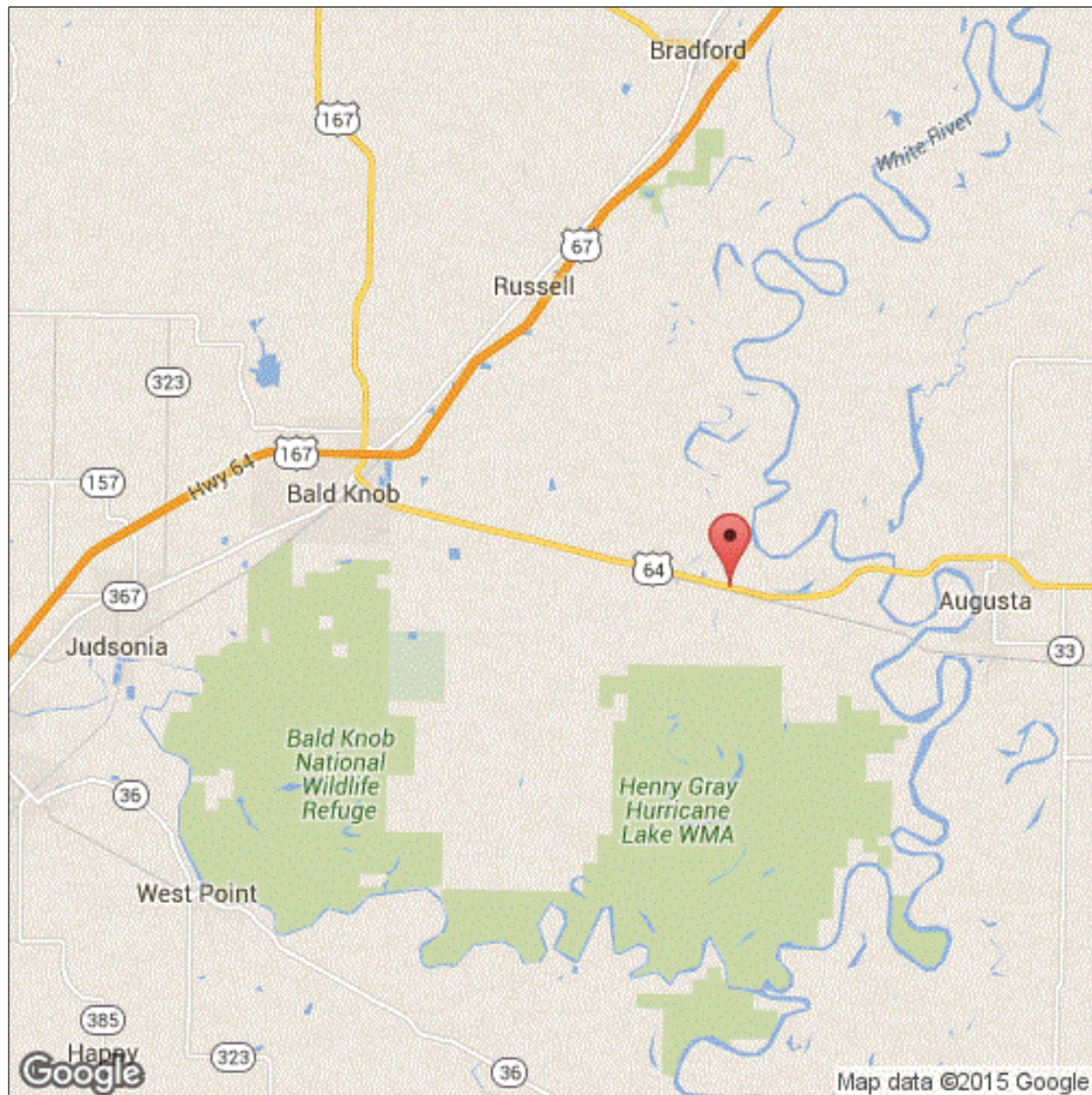
Structure Number: A1333

Inspection Date:

Facility Carried: US 64 WHITE CO.

### Bridge Inspection Report

### Location Map



Latitude: 35.28547

Longitude: -91.44629

**Inspector:**

**Inspection Date:**

**Structure Number:** A1333

**Facility Carried:** US 64 WHITE CO.

## **Bridge Inspection Report**

### **Executive Summary**

Roadway/Log Mile runs East.  
Construction Job 5501



**Structure Number:** A1333

**Facility Carried:** US 64 WHITE CO.

# National Bridge Inventory

IDENTIFICATION					INSPECTIONS				
(1) STATE CODE 056 - Arkansas					(90) INSPECTION DATE 12/10/2015				
(8) STRUCTURE NUMBER A1333					(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 7.02 MI EAST JCT US 67									
(11) MILEPOINT 7.460 (12) BASE HIGHWAY NETWORK 1									
(13A) LRS INVENTORY ROUTE 0000064110 (13B) SUBROUTE NUMBER 00									
(16) LATITUDE 35.28547 (17) LONGITUDE -91.44629									
(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 13 (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.) 442									
(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									

Inspector:

Structure Number: A1333

Inspection Date:

Facility Carried: US 64 WHITE CO.

## Bridge Inspection Report

## Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>16 - Reinforced Concrete Top Flange</b>	1- Ben.	13658	sq. ft.	11795	1837	26	0
	See Form III. Asphalt overlay cracking full width @ all Open Joints. Some areas of cracking to Left & Right Curb. 11' spall to Right Curb. Transverse efflor. cracking, some with rust @ all Spans. Mostly @ 1/4, 1/2 & 3/4 points.						
1080 - Delamination/Spall/Patched Area		34			8	26	
1090 - Exposed Rebar		22			22		
1120 - Efflorescence/Rust Staining		602			602		
1130 - Cracking (RC and Other)		1205			1205		
510 - Wearing Surfaces		12376	sq. ft.	12376			
<b>110 - Reinforced Concrete Open Girder/Beam</b>	1- Ben.	2652	ft.	2579	40	33	0
	See Form III.						
1080 - Delamination/Spall/Patched Area		61			5	28	
1090 - Exposed Rebar		36			31	5	
1120 - Efflorescence/Rust Staining		4			4		
<b>205 - Reinforced Concrete Column</b>	1- Ben.	72	each	53	10	9	0
	See Form III.						
1080 - Delamination/Spall/Patched Area		11			3	8	
1090 - Exposed Rebar		8			7	1	
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	70	ft.	70			
	OK						
<b>234 - Reinforced Concrete Pier Cap</b>	1- Ben.	341	ft.	287	19	35	0
	See Form III.						
1080 - Delamination/Spall/Patched Area		29			6	23	
1090 - Exposed Rebar		25			13	12	
<b>311 - Movable Bearing</b>	1- Ben.	24	each	22	2		0
	See Form III.						
1000 - Corrosion		2			2		
<b>330 - Metal Bridge Railing</b>	1- Ben.	884	ft.	0	884		
	See Form III. Areas of rust to Railing.						
515 - Steel Protective Coating		2652	sq. ft.	0		2652	

Inspector:

Inspection Date:

Structure Number: A1333

Facility Carried: US 64 WHITE CO.

## Bridge Inspection Report

### Pictures



1 1/2 inches of asphalt on top of the deck



**Inspector:**

**Inspection Date:**

**Structure Number:** A1333

**Facility Carried:** US 64 WHITE CO.

**Bridge Inspection Report**

**Maintenance Needs**

**Date Reported:** 1/17/2012 12:00:00 AM

**Priority:** D - Routine

**Work Code:**

---

**Deficiency Description:**

Minor scour around piles @ Bents 2, 7 & 8.

**Work Description:**

---

**Date Repairs Completed:**

**Maintenance Comments:**

---



Inspector:

Structure Number: A1333

Inspection Date:

Facility Carried: US 64 WHITE CO.

## Bridge Inspection Report

### Maintenance Needs

Date Reported: 1/17/2012 12:00:00 AM

Priority: D - Routine

Work Code:

---

#### Deficiency Description:

Spalls to Deck below with Rebar Exposed @ Spans 1, 2, 3, 5, 6, 7, 8, 9, 10, 11 & 12.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Typical spalls with Rebar Exposed to Soffit @ Spans 2, 8, 11 & 12.



Inspector:

Structure Number: A1333

Inspection Date:

Facility Carried: US 64 WHITE CO.

## Bridge Inspection Report

### Maintenance Needs

Date Reported: 1/17/2012 12:00:00 AM

Priority: D - Routine

Work Code:

---

#### Deficiency Description:

Spalls to concrete diaphragm with rebar exposed @ Spans 3, 4, 5, 6, 7, 8, 10, 11, 12 & 13.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Spalls to Concrete Diaphragms with Rebar Exposed @ Spans 3, 4, 5, 8, 10 & 11.  
(Diaphragms between Girders 3 & 4 back & ahead side @ Bent 4.)

Inspector:

Structure Number: A1333

Inspection Date:

Facility Carried: US 64 WHITE CO.

## Bridge Inspection Report

### Maintenance Needs

Date Reported: 1/17/2012 12:00:00 AM

Priority: D - Routine

Work Code:

---

#### Deficiency Description:

Spalls to Concrete Piles with Rebar Exposed @ Bents 2, 3, 4, 6 & 7.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Typical spalls with Rebar Exposed to some Piles.  
(Bent 2 Pile 4)

Stage: Assigned



PHOTO 2      Description      Typical spalls with Rebar Exposed to some Piles.  
(Bent 4 Pile 4 has large spall with 9' Rebar Exposed.)

Inspector:

Inspection Date:

Structure Number: A1333

Facility Carried: US 64 WHITE CO.

## Bridge Inspection Report

### Maintenance Needs

Date Reported: 1/17/2012 12:00:00 AM

Priority: D - Routine

Work Code:

---

#### Deficiency Description:

Spalls to Caps with Rebar exposed @ Bents 1, 2, 3, 4, 5, 6, 7, 8, 10, 11 & 12.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Typical spalls with Rebar Exposed or areas of delamination to some Caps @ Bents 1, 2, 4, 8, 10, 11 & 12. (Bent 2 back side)

Stage: Assigned



PHOTO 2      Description      Typical spalls with Rebar Exposed or areas of delamination to some Caps @ Bents 1, 2, 4, 8, 10, 11 & 12. (Bent 3 @ Right end.)



Inspector:

Structure Number: A1333

Inspection Date:

Facility Carried: US 64 WHITE CO.

## Bridge Inspection Report

### Maintenance Needs

Date Reported: 1/17/2012 12:00:00 AM

Priority: D - Routine

Work Code:

---

#### Deficiency Description:

Spalls to Girders with Rebar Exposed v@ Spans 1 - 12.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Spalls to Girders with Rebar Exposed  
@ Spans 1, 3, 4, 5, 6, 9, 10, 11 & 12.  
(Span 3 Girder 5 @ Beginning of Span)

Stage: Assigned



PHOTO 2      Description      Spalls to Girders with Rebar Exposed  
@ Spans 1, 3, 4, 5, 6, 9, 10, 11 & 12.  
(Span 4 Girder 2 @ End of Span)