

# Bridge Inspection Report

01452  
SH 367 White Co.  
over  
DESARC BAYOU



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

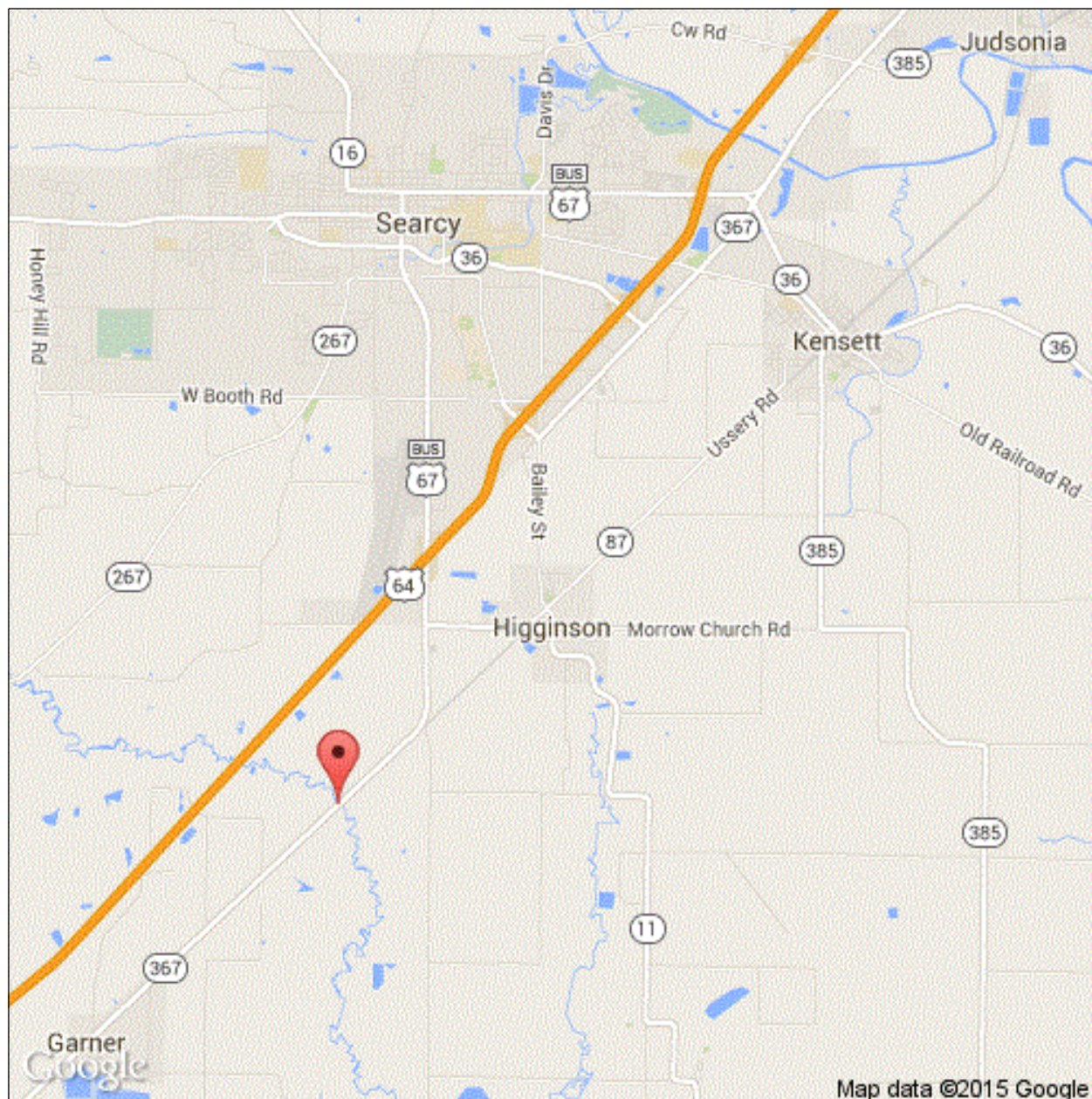
Structure Number: 01452

Inspection Date:

Facility Carried: SH 367 White Co.

## Bridge Inspection Report

### Location Map



Latitude: 35.17198

Longitude: -91.74649



Inspector:

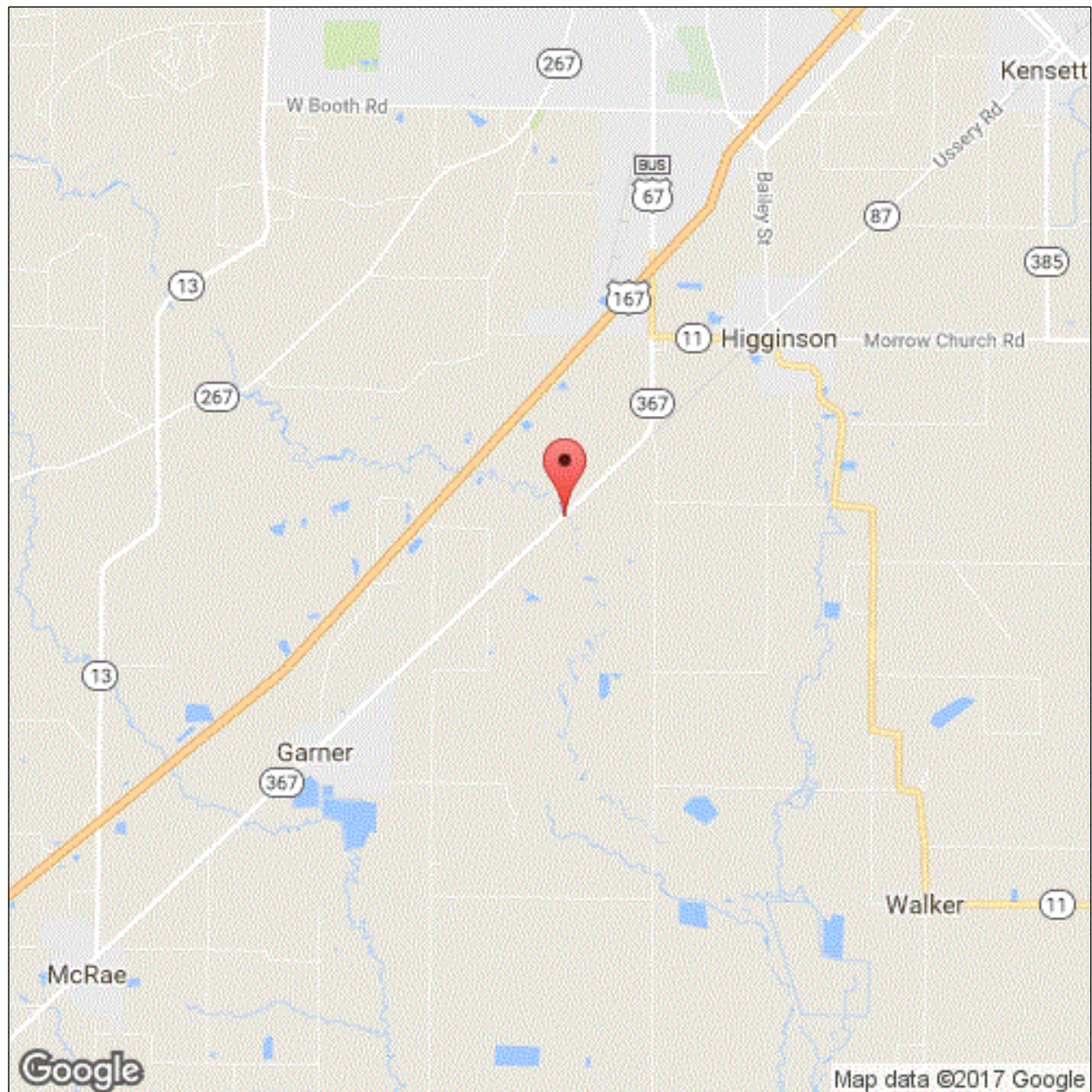
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## Bridge Inspection Report

### Location Map



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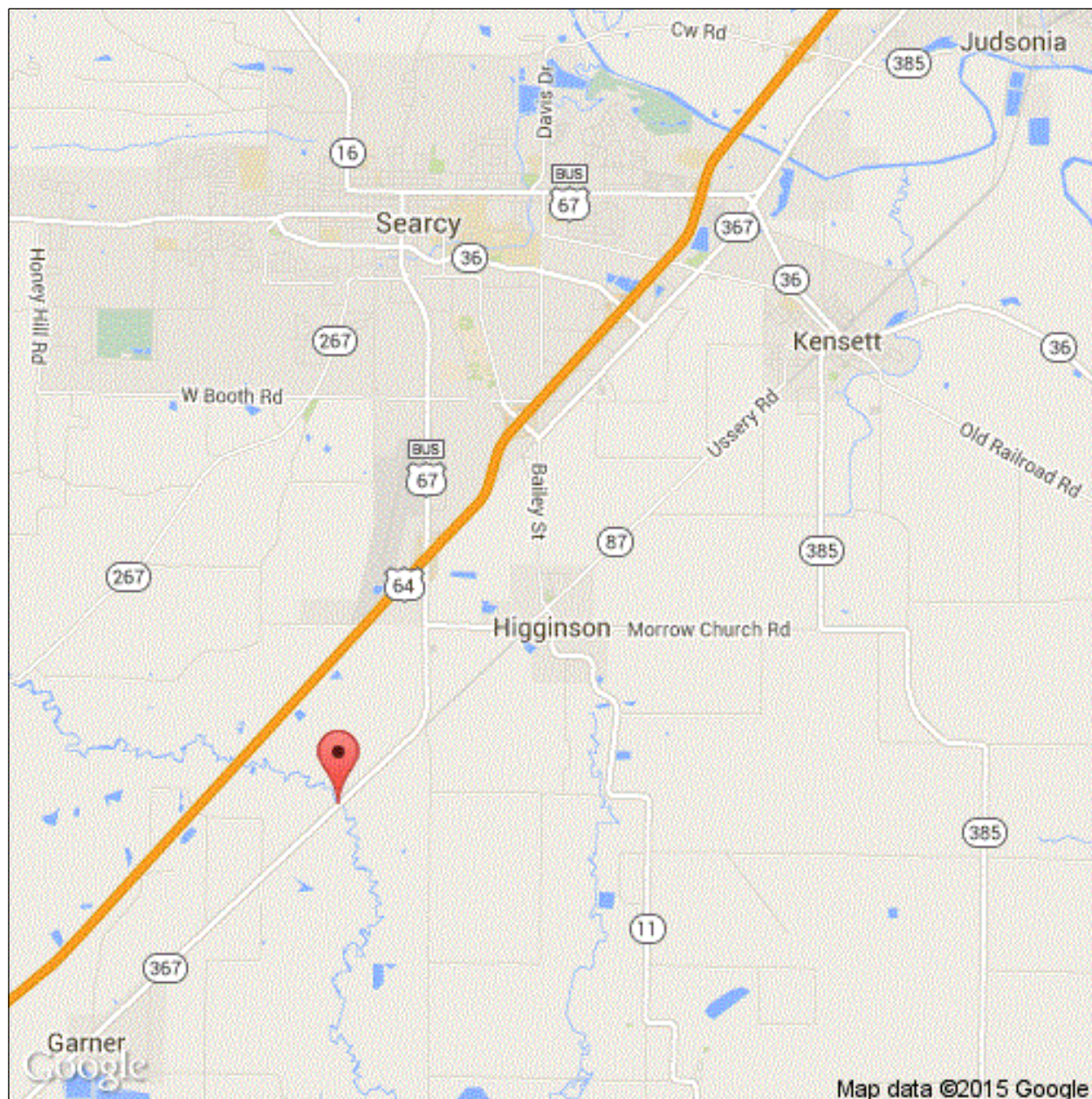
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## Bridge Inspection Report

### Location Map



Latitude: 35.17198

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**Facility Carried:** SH 367 White Co.

## **Bridge Inspection Report**

### **Executive Summary**

Roadway looking Northeast.

Job # 5499

Inspector:

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## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	07/19/2017
(8) STRUCTURE NUMBER	01452	(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	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 367 White Co.		
(9) LOCATION	1.24 MI SW JCT OF US 67		
(11) MILEPOINT 14.397	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.17198	(17) LONGITUDE -91.74649		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	5
A) KIND OF MATERIAL/DESIGN: 3 - Steel		(59) SUPERSTRUCTURE 7	(60) SUBSTRUCTURE 6
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(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 1	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 1		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 0		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1961	(106) YEAR RECONSTRUCTED 0000	(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
(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
(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.) 101	(49) STRUCTURE LENGTH (ft.) 104	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 1.7	RIGHT 1.7	(68) DECK GEOMETRY	4
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	27.6	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	30.9	(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.)	27.9	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	78.0 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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## Bridge Inspection Report

## Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>12 - Reinforced Concrete Deck</b>	1- Ben.	3214	sq. ft.	0	2534	680	0
Unsealed cracks to deck. Delaminated areas & areas of light to moderate scaling to deck. Several spalled areas. (some filled with asphalt patch) Areas of delamination & spall with 8' rebar exposed to soffit between Girders 1 & 2 near end of span. Transverse efflorescent cracks & minor spalls to Left & Right overhangs. Light efflorescent cracking to soffit between Girders 3 & 4 near end of span. Spalls with 2' rebar exposed @ Right overhang @ end of span.							
1080 - Delamination/Spall/Patched Area		1171			1071	100	
1090 - Exposed Rebar		10				10	
1120 - Efflorescence/Rust Staining		20			20		
1130 - Cracking (RC and Other)		370				370	
1190 - Abrasion/Wear (PSC/RC)		1643			1443	200	
<b>107 - Steel Open Girder/Beam</b>	1- Ben.	408	ft.	0	400	8	0
Paint system failing, surface rust present to all girders.							
1000 - Corrosion		408			400	8	
515 - Steel Protective Coating		4684	sq. ft.	4634	0	50	0
3420 - Peeling/Bubbling/Cracking (Steel Protective Coatings)		50				50	
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	106	ft.	80	22	4	0
1 Vertical crack to Abutment 1. Full height vertical efflorescent crack with leaching & rust stains @ Abutment 2. Vertical efflorescent cracking to backwalls @ Abutments 1 & 2.							
1120 - Efflorescence/Rust Staining		25			22	3	
1130 - Cracking (RC and Other)		1				1	
<b>303 - Assembly Joint with Seal</b>	1- Ben.	56	ft.	0		56	
Joints are closed.							
<b>311 - Movable Bearing</b>	1- Ben.	4	each	0	0	4	0
Rust, pack rust, & minor section loss to bearings.							
1000 - Corrosion		4				4	
515 - Steel Protective Coating		16	sq. ft.	0	6	0	10
3440 - Effectiveness (Steel Protective Coatings)		16			6		10
<b>313 - Fixed Bearing</b>	1- Ben.	4	each	0	0	4	0
Rust, pack rust, & minor section loss to bearings.							



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Bridge Inspection Report

Element Inspection

1000 - Corrosion		4				4	
515 - Steel Protective Coating		16	sq. ft.	4	4	0	8
3440 - Effectiveness (Steel Protective Coatings)		12			4		8
<b>330 - Metal Bridge Railing</b>	1- Ben.	208	ft.	108	100	0	0
Light rust throughout.							

1000 - Corrosion		100			100		
515 - Steel Protective Coating		624	sq. ft.	474	0	100	50
3440 - Effectiveness (Steel Protective Coatings)		150				100	50

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**Bridge Inspection Report**

**Pictures**

PHOTO 2

Description

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**Bridge Inspection Report**

**Sketches**



Inspector:

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## Bridge Inspection Report

### Maintenance Needs

Date Reported: 07/28/2015

Priority: D - Routine

Work Code: Repair

---

#### Deficiency Description:

Paint flaking and surface rust to girders.

#### Work Description:

---

#### Date Repairs Completed:

#### Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Paint flaking and surface rust to girders.

Inspector:

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Inspection Date:

Facility Carried: SH 367 White Co.

## Bridge Inspection Report

### Maintenance Needs

Date Reported: 07/28/2015

Priority: C - Important

Work Code: Repair

---

#### Deficiency Description:

Several spalls and delaminated areas to deck.  
Unsealed cracks to deck.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1	Description	Several spalls and delaminated areas to deck. Unsealed cracks to deck.
---------	-------------	---

Inspector:

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### Bridge Inspection Report

#### Maintenance Needs

Date Reported: 07/28/2015

Priority: D - Routine

Work Code: Repair

---

#### Deficiency Description:

Spall with 3' of rebar exposed to soffit between Girder's 1 & 2 near end of span.

Spall with 2' of rebar exposed to Right overhang at end of span.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Spall with 3' of rebar exposed to soffit between Girders 1 and 2.

Stage: Assigned



PHOTO 2      Description      Spall with 2' of rebar exposed to Right overhang at end of span.



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## Bridge Inspection Report

### Maintenance Needs

Date Reported: 07/28/2015

Priority: D - Routine

Work Code: Repair

---

#### Deficiency Description:

Full height vertical efflor. crack & diag. crack to backwall.

Full height vertical efflor. cracks with leaching and rust stains at Abutment 2

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Full height vertical efflorescent cracks with leaching and rust stains at Abutment 2.

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### Bridge Inspection Report

#### Maintenance Needs

Date Reported: 07/28/2015

Priority: D - Routine

Work Code: Repair

---

#### Deficiency Description:

Rust, pack rust, and section loss to bearings.

#### Work Description:

---

#### Date Repairs Completed:

#### Maintenance Comments:

---

Stage: Open



PHOTO 1      Description      Rust, pack rust, and section loss to bearings.