

# Bridge Inspection Report

**06550**  
**US 67-17- LM 16.29**  
**over**  
**COON CREEK**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

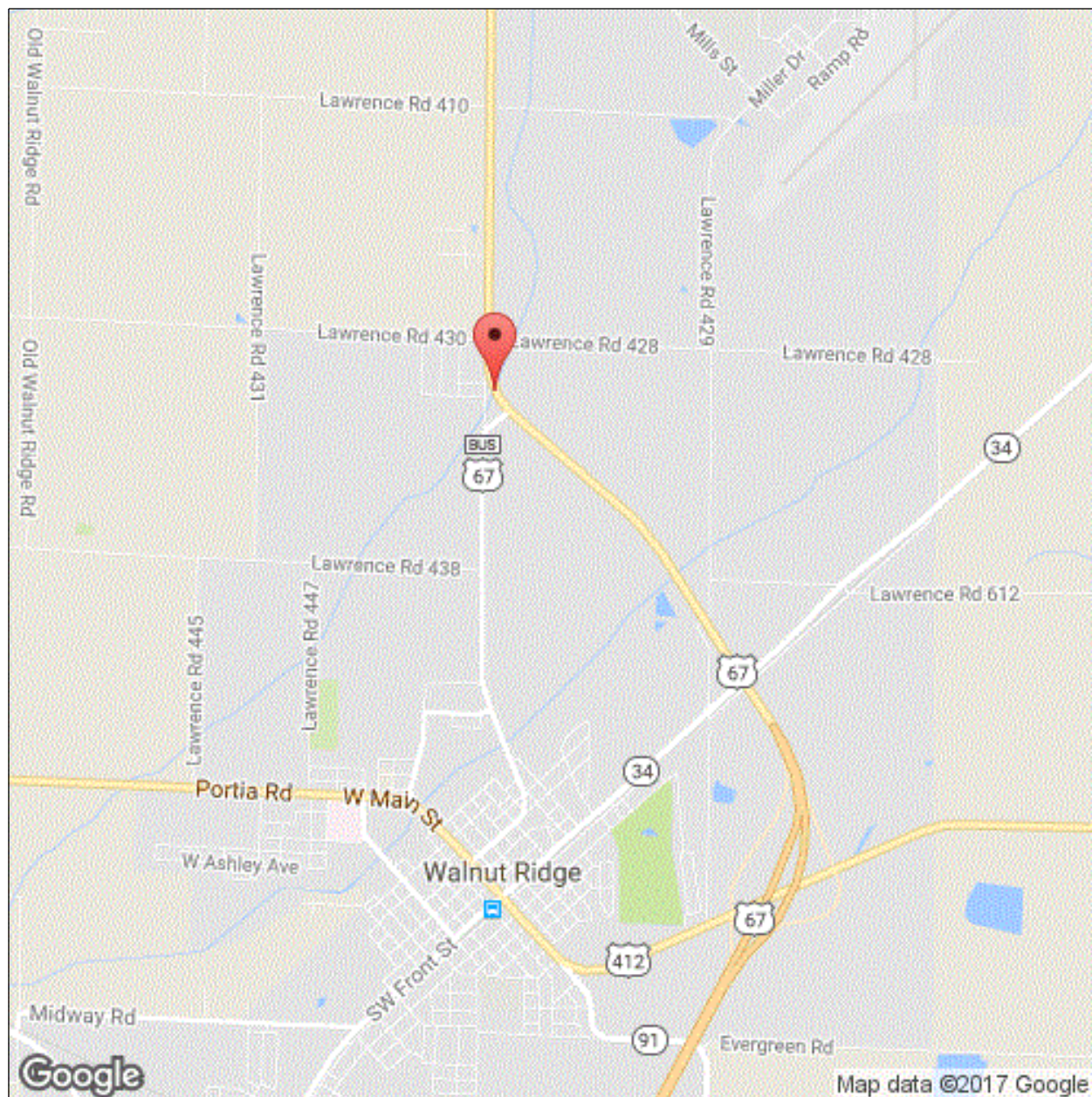
Structure Number: 06550

Inspection Date:

Facility Carried: US 67-17- LM 16.29

## Bridge Inspection Report

### Location Map



Latitude: 36.10040

Longitude: -90.95642



Inspector:

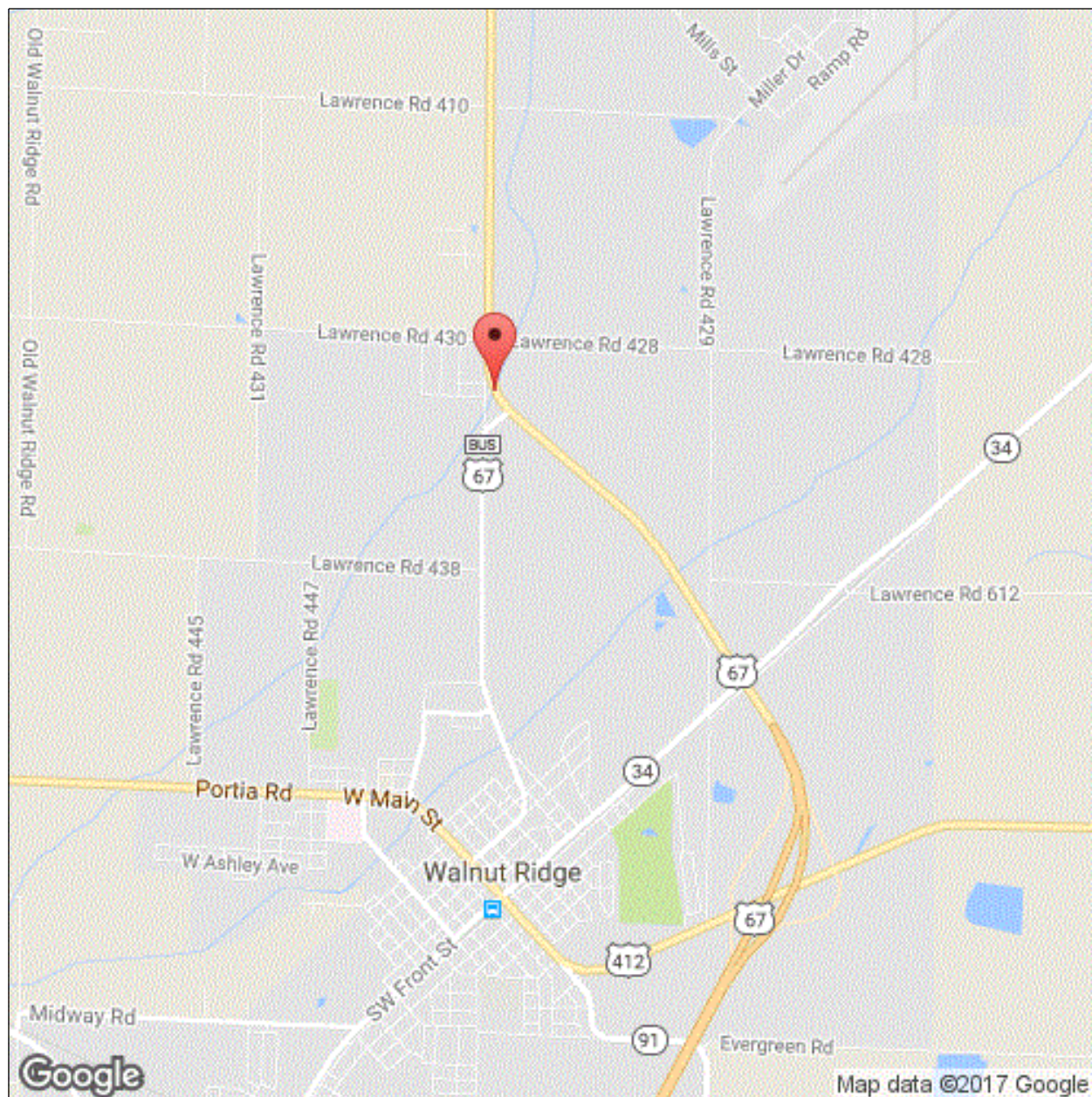
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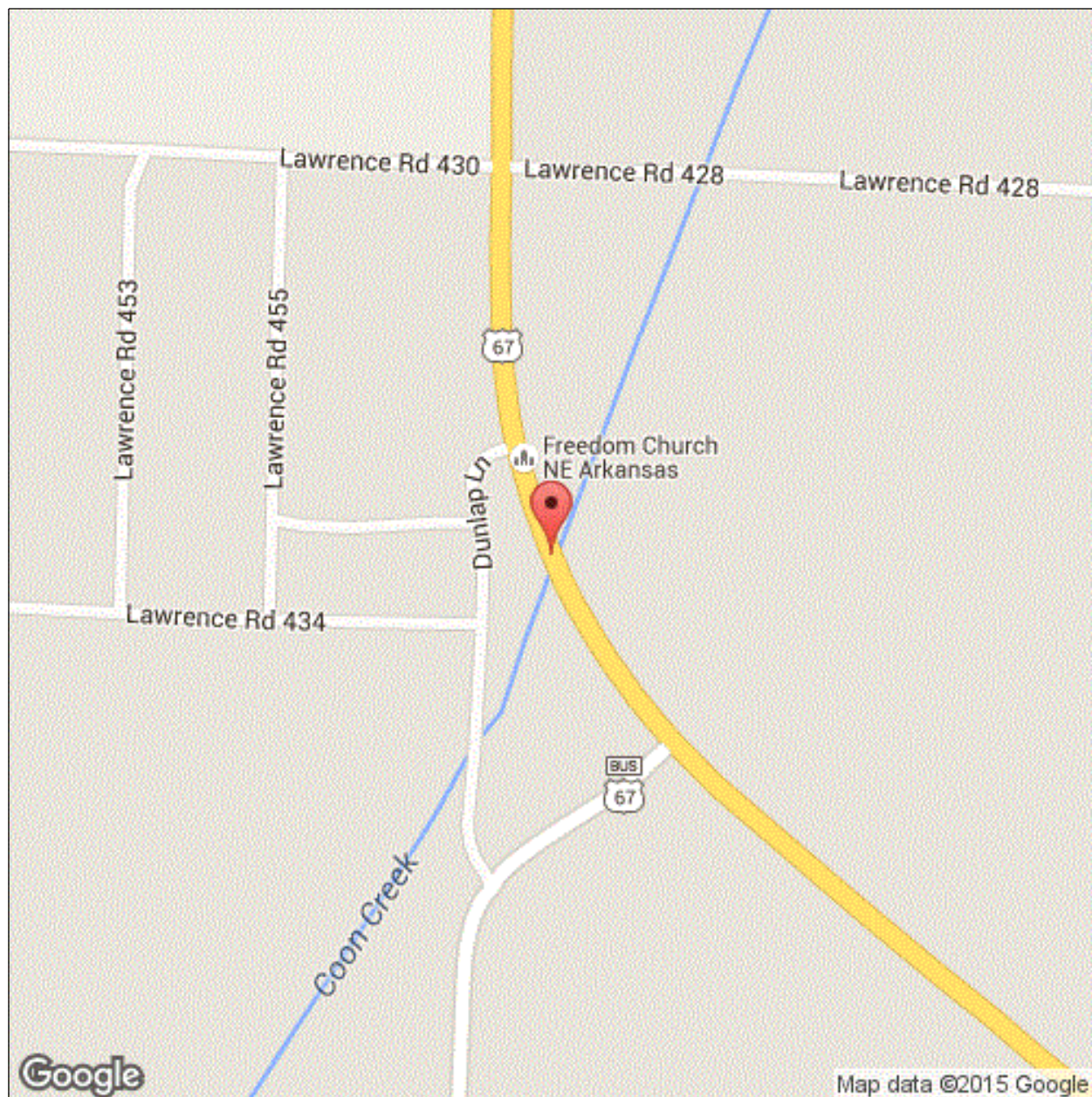
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### Bridge Inspection Report

### Location Map



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**Inspector:**

**Inspection Date:**

**Structure Number:** 06550

**Facility Carried:** US 67-17- LM 16.29

## **Bridge Inspection Report**

### **Executive Summary**



Inspector:

Structure Number: 06550

Inspection Date:

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## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	12/11/2017
(8) STRUCTURE NUMBER	06550	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 67 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10 (3) COUNTY CODE 075	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	COON CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 67-17- LM 16.29		
(9) LOCATION	1.2 MI N JCT SH 34&HWY 67		
(11) MILEPOINT 16.29	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000067170 (13B) SUBROUTE NUMBER 01		
(16) LATITUDE 36.10040	(17) LONGITUDE -90.95642		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	7
A) KIND OF MATERIAL/DESIGN: 4 - Steel continuous		(59) SUPERSTRUCTURE	8
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(60) SUBSTRUCTURE	7
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	7
A) KIND OF MATERIAL/DESIGN: 0 - Other		(62) CULVERT	N
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN	3 (46) NUMBER OF APPROACH		
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE		
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1999 (106) YEAR RECONSTRUCTED	(31) DESIGN LOAD	5
(42) TYPE OF SERVICE	ON 1 UNDER 5	(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES	ON 04 UNDER 00	(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC	10703 (19) BYPASS DETOUR LENGTH	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(66) INVENTORY RATING	36.0
(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.)	46 (49) STRUCTURE LENGTH (ft.)	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(68) DECK GEOMETRY	9
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	69.9	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	72.8	(71) WATERWAY ADEQUACY	9
(32) APPROACH ROADWAY WIDTH (ft.)	69.9	(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	36A) BRIDGE RAILINGS:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	71.2	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:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	SUFFICIENCY RATING	97.5 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	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02
(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	9622 (115) YEAR OF FUTURE ADT	(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	1
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	01
		(22) OWNER	01
		(37) HISTORICAL	5
		NAVIGATION DATA	
		(38) NAVIGATION CONTROL	0
		(111) PIER OR ABUTMENT PROTECTION	5
		(39) NAV VERT CLEARANCE (ft.)	0
		(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
		(40) NAV HORIZONTAL CLEARANCE (ft.)	0

Inspector:

Structure Number: 06550

Inspection Date:

Facility Carried: US 67-17- LM 16.29

## 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.	10051	sq. ft.	4459	2832	2760	0
1120 - Efflorescence/Rust Staining		72			72		
1130 - Cracking (RC and Other)		5520			2760	2760	
<b>107 - Steel Open Girder/Beam</b>	1- Ben.	1104	ft.	1104			
515 - Steel Protective Coating		10344	sq. ft.	10344			
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	277	ft.	255	16	6	0
1080 - Delamination/Spall/Patched Area		6				6	
1120 - Efflorescence/Rust Staining		6			6		
1130 - Cracking (RC and Other)		10			10		
<b>227 - Reinforced Concrete Pile</b>	1- Ben.	16	each	16			
<b>234 - Reinforced Concrete Pier Cap</b>	1- Ben.	195	ft.	195			
<b>300 - Strip Seal Expansion Joint</b>	1- Ben.	202	ft.	202			
<b>310 - Elastomeric Bearing</b>	1- Ben.	32	each	32			
<b>321 - Reinforced Concrete Approach Slab</b>	1- Ben.	3942	sq. ft.	3285	156	501	0
1130 - Cracking (RC and Other)		657			156	501	
<b>331 - Reinforced Concrete Bridge Railing</b>	1- Ben.	282	ft.	282			



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## Bridge Inspection Report

### Pictures

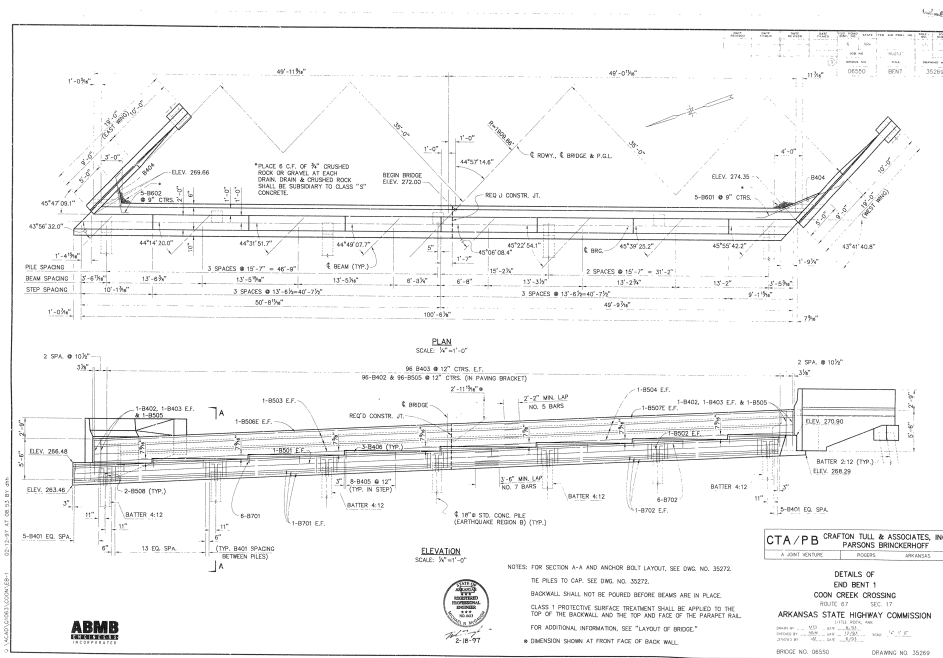


PHOTO 1

Description R00107033

PHOTO 1

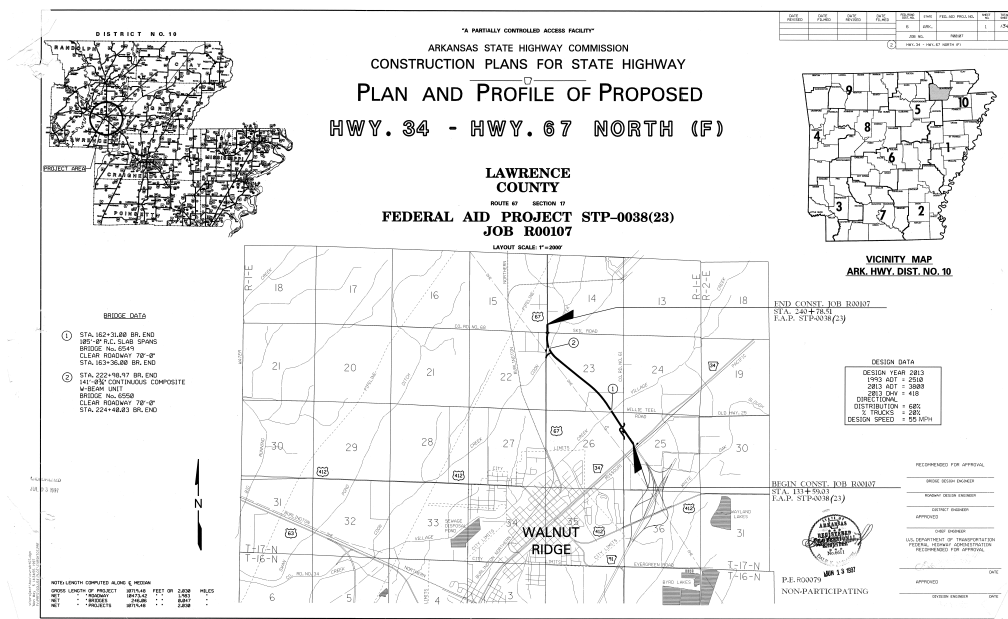
Description

**Inspection Date:**

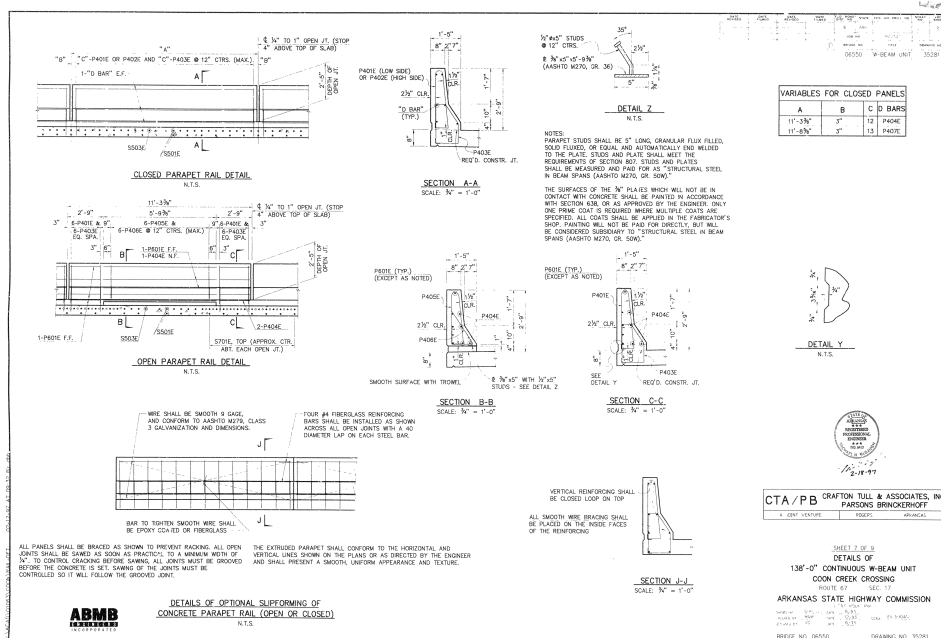
**Facility Carried:** US 67-17- LM 16.29

## Bridge Inspection Report

## Pictures



Description	R00107001
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Description R00107045



Inspector:

Inspection Date:

Structure Number: 06550

Facility Carried: US 67-17- LM 16.29

## Bridge Inspection Report

## Pictures

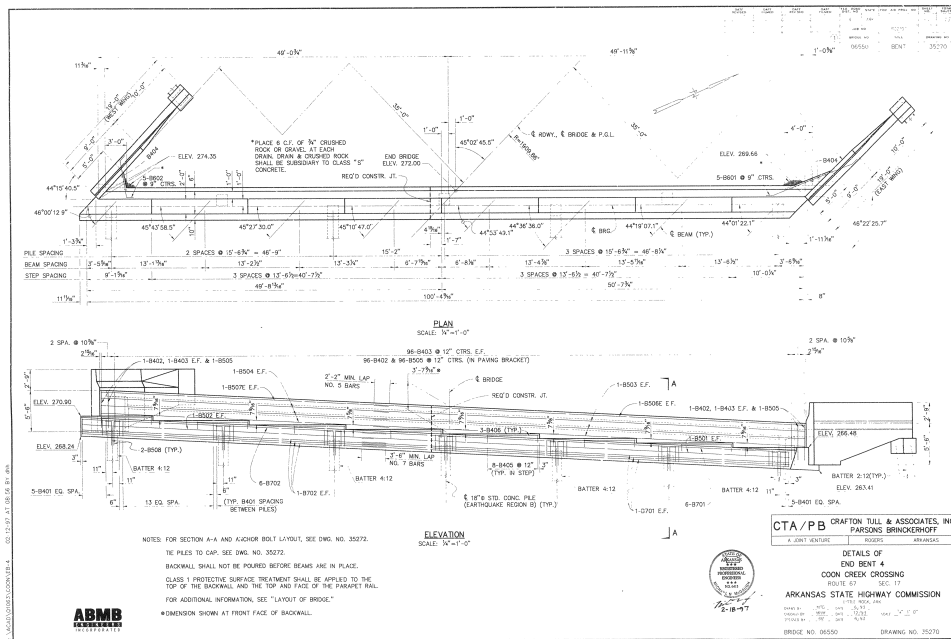


PHOTO 4

Description R00107034

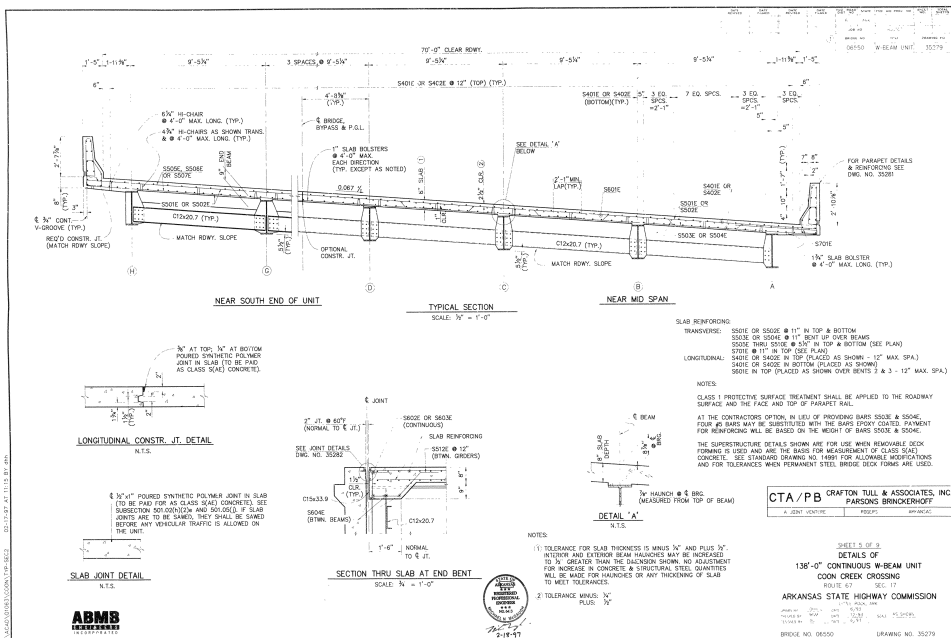


PHOTO 5

Description R00107043

Inspector:

Inspection Date:

Structure Number: 06550

Facility Carried: US 67-17- LM 16.29

## Bridge Inspection Report

### Pictures

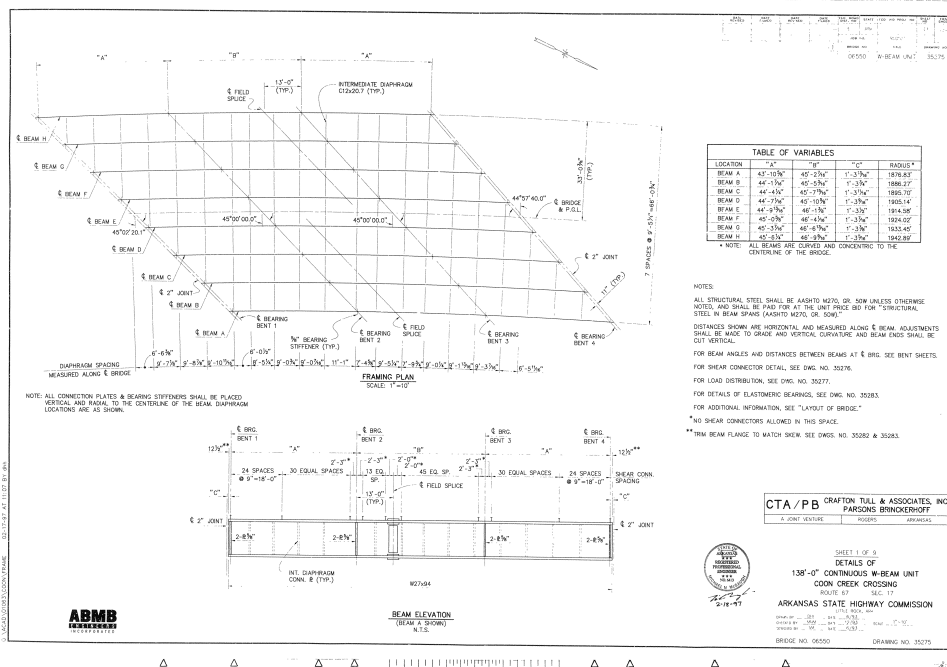


PHOTO 6

Description R00107039

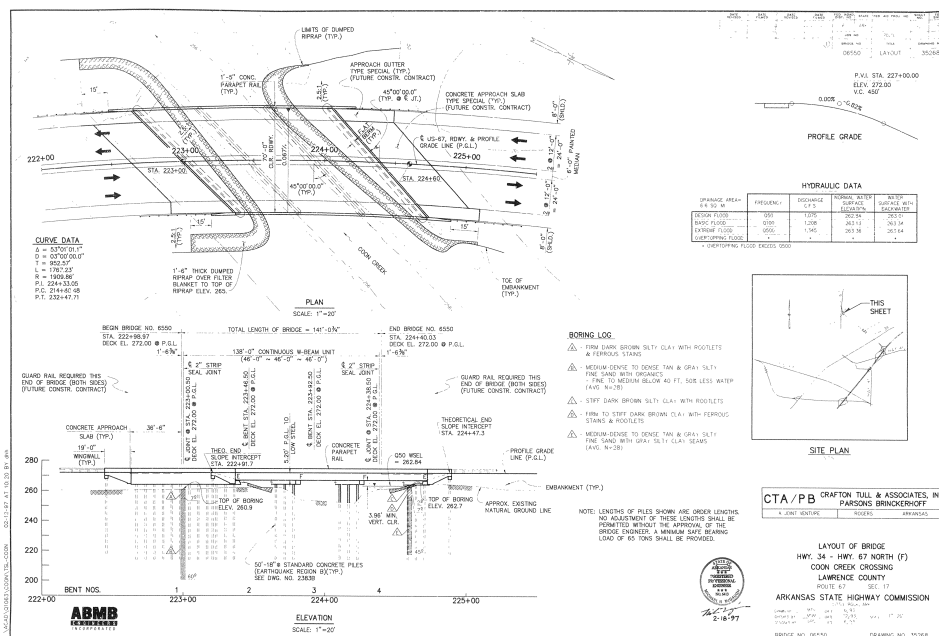


PHOTO 7

Description R00107032

Inspector:  
Inspection Date:

Structure Number: 06550  
Facility Carried: US 67-17- LM 16.29

## Bridge Inspection Report

## Pictures

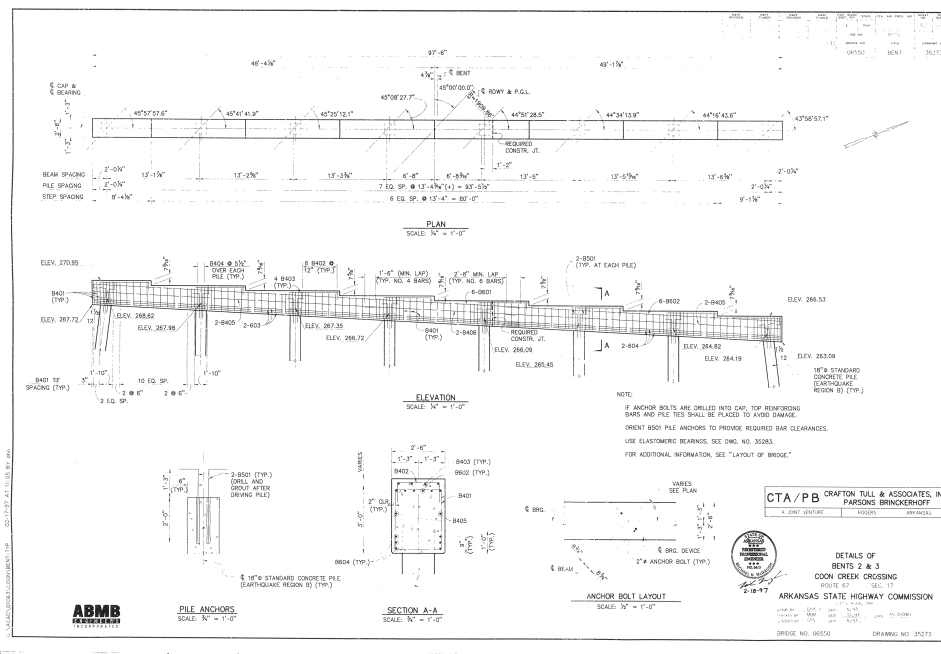


PHOTO 8

Description R00107037

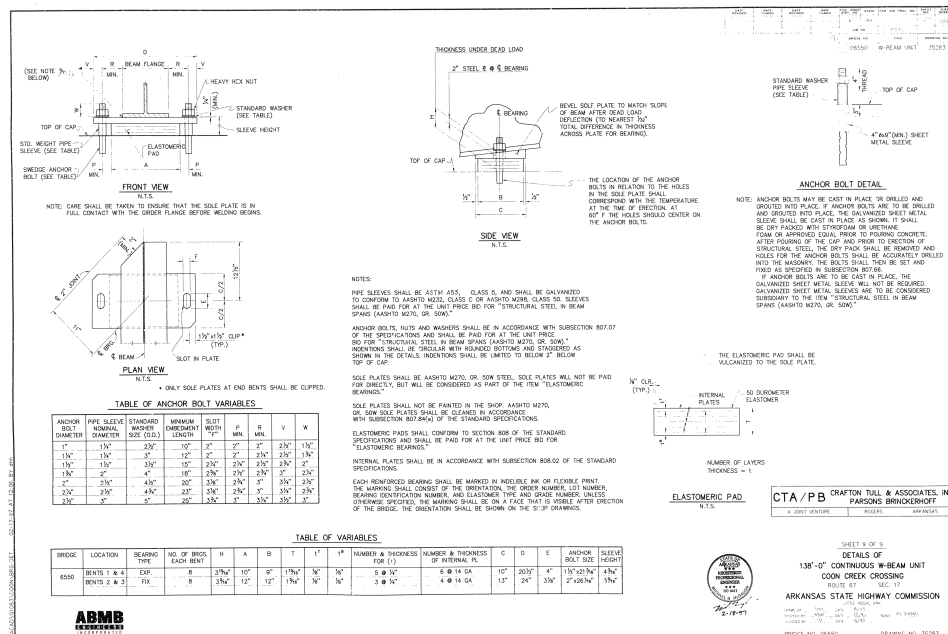


PHOTO 9

Description R00107047



Inspector:

Inspection Date:

Structure Number: 06550

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## Bridge Inspection Report

## Pictures

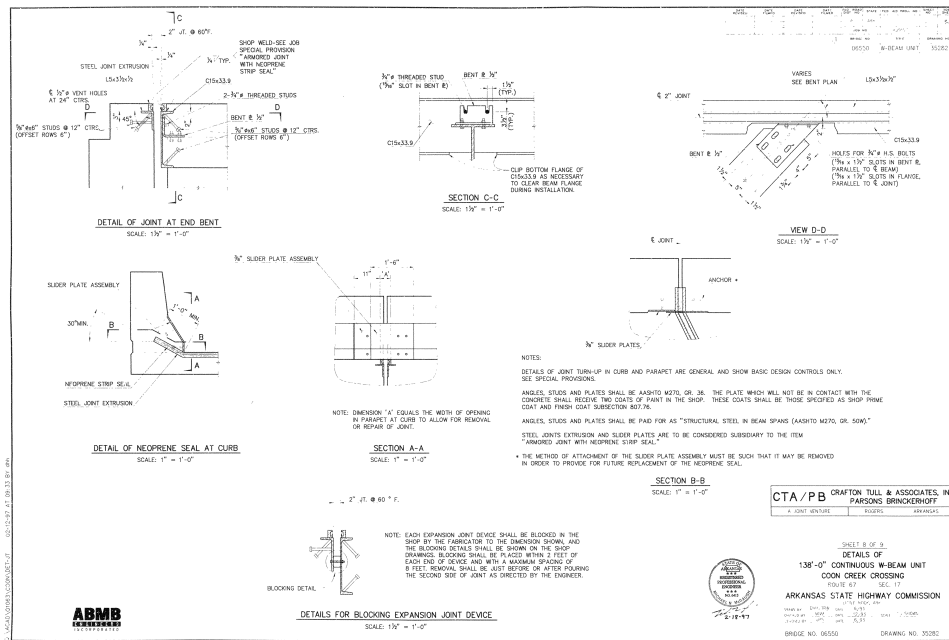


PHOTO 10

Description R00107046

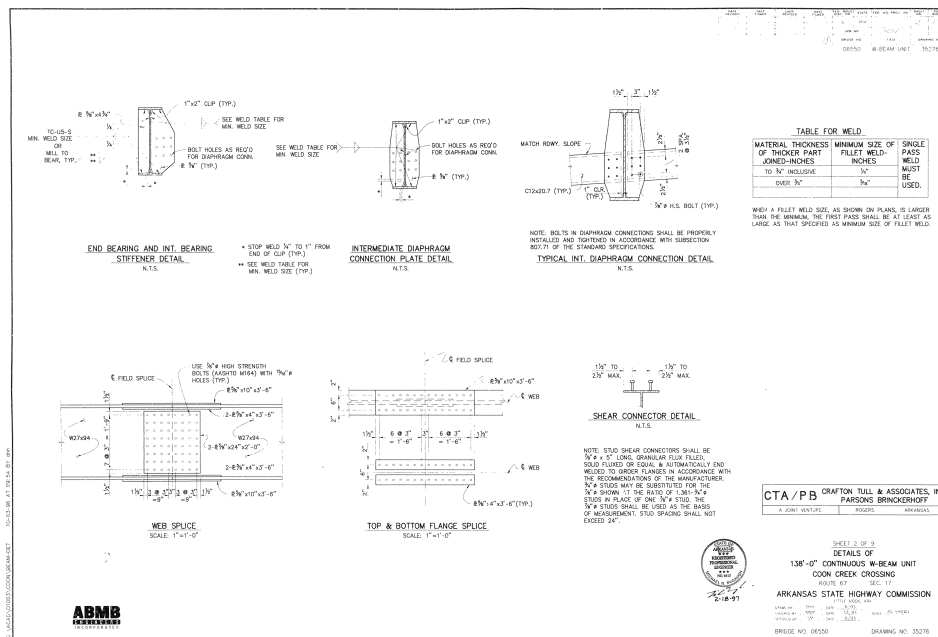


PHOTO 11

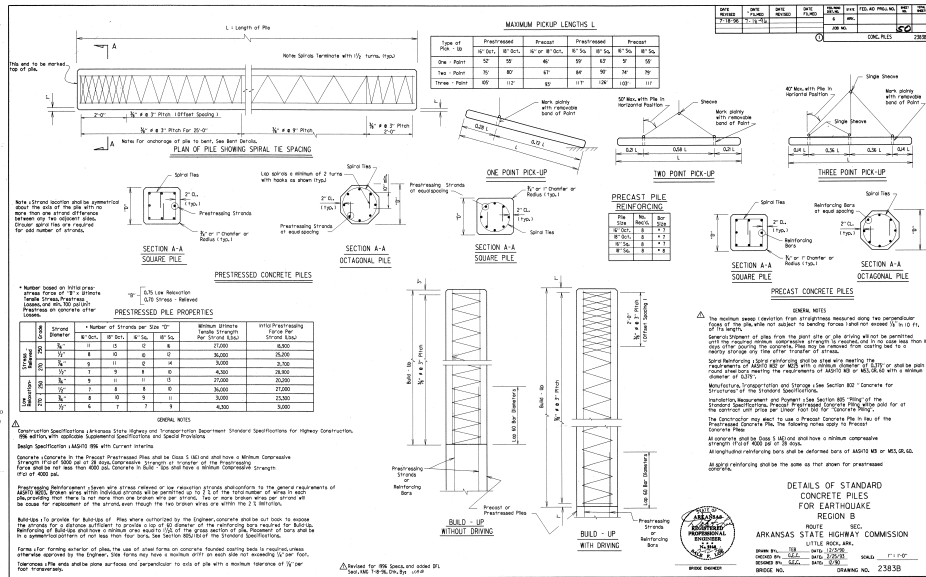
Description R00107040

Inspector:  
Inspection Date:

Structure Number: 06550  
Facility Carried: US 67-17- LM 16.29

## Bridge Inspection Report

### Pictures



Inspector:  
Inspection Date:

Structure Number: 06550  
Facility Carried: US 67-17- LM 16.29

### Bridge Inspection Report

## Pictures

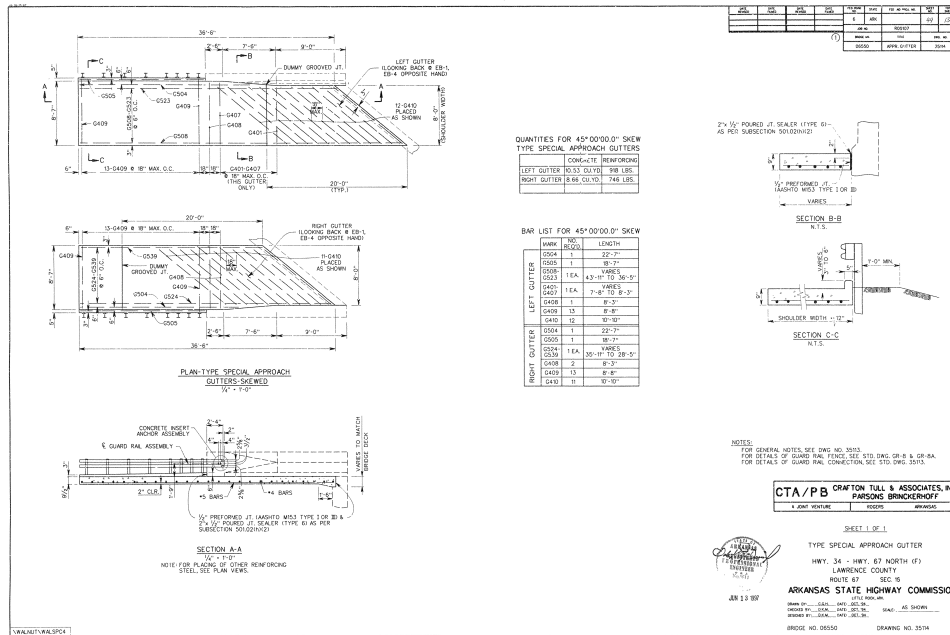


PHOTO 14

Description R00107049

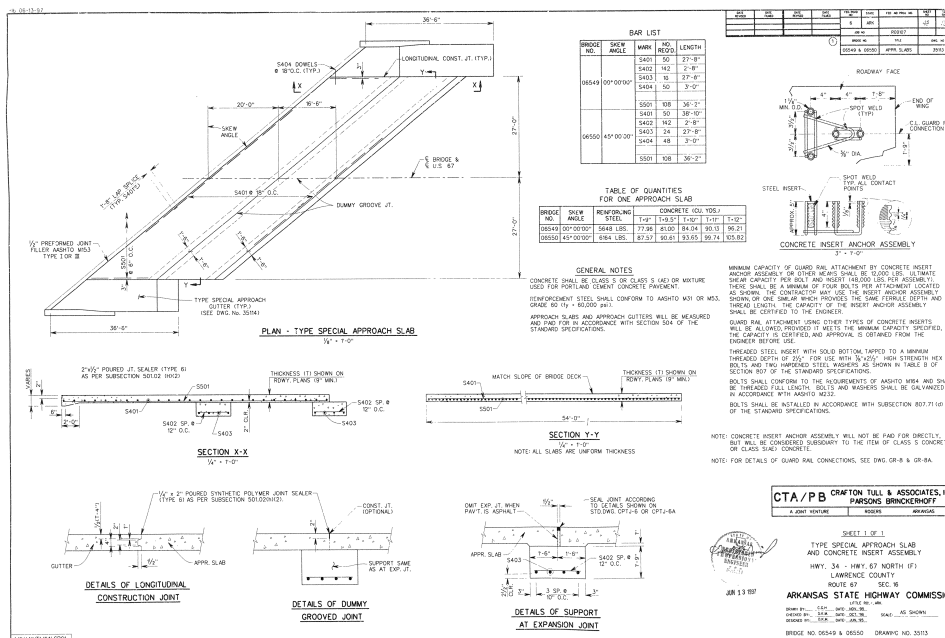


PHOTO 15

Description R00107048



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**Bridge Inspection Report**

**Pictures**

PHOTO 16

Description

PHOTO 17

Description

**Inspector:**

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**Bridge Inspection Report**

**Pictures**

PHOTO 18

Description

PHOTO 19

Description

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**Bridge Inspection Report**

**Pictures**

PHOTO 20

Description

**Inspector:**

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**Bridge Inspection Report**

**Sketches**



Inspector:

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### Bridge Inspection Report

#### Maintenance Needs

**Date Reported:** 12/6/2011 12:00:00 AM

**Priority:** C - Important

**Work Code:**

---

**Deficiency Description:**

Approach Roadway Slabs have minor size and density sealable cracks.

**Work Description:**

---

**Date Repairs Completed:**

**Maintenance Comments:**

---

**Date Reported:** 12/6/2011 12:00:00 AM

**Priority:** G - General/ Preventive maintenance

**Work Code:**

---

**Deficiency Description:**

Channel  
Small trees and brush growing along sides of bridge.

**Work Description:**

---

**Date Repairs Completed:**

**Maintenance Comments:**

---

**Date Reported:** 12/6/2011 12:00:00 AM

**Priority:** G - General/ Preventive maintenance

**Work Code:**

---

**Deficiency Description:**

Log Mile Posting  
No Log Mile Posting.

**Work Description:**

---

**Date Repairs Completed:**

**Maintenance Comments:**

---

Inspector:

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## Bridge Inspection Report

### Maintenance Needs

Date Reported: 12/6/2011 12:00:00 AM

Priority: C - Important

Work Code:

---

#### Deficiency Description:

Top of Deck has several minor size and density sealable cracks with several map cracks, especially Spans 1&3, see 2017 photo.

Bottom of Deck has some cracks with efflorescence.

Back Wall Bents 1&4 has some cracks with efflorescence.

Top of Back Wall Bent 4 has some cracking and some spalled areas.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Monitor



PHOTO 1      Description