

# Bridge Inspection Report

00573  
SH 463-02-LM 11.02  
over  
DITCH 24



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

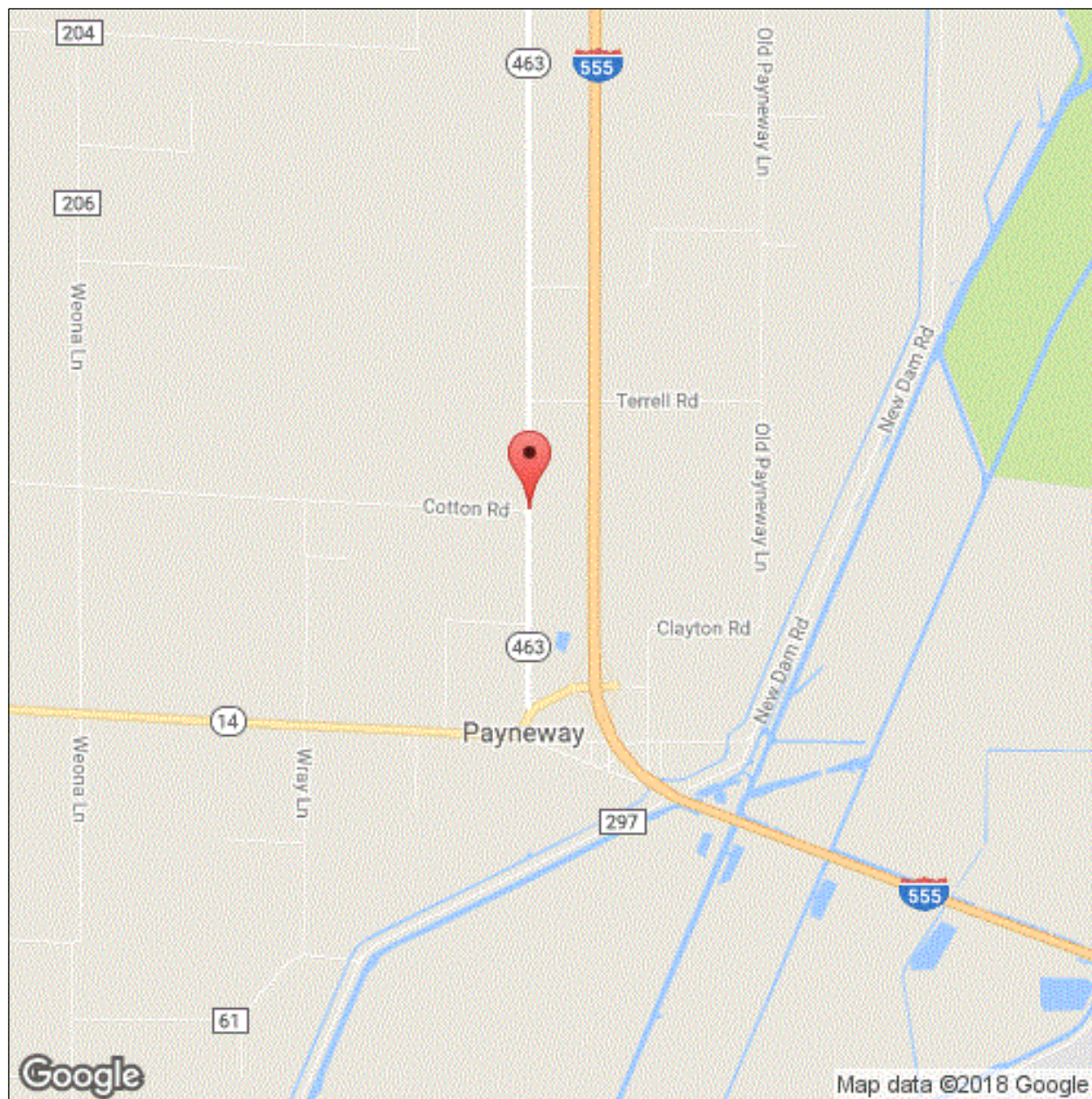
Structure Number: 00573

Inspection Date:

Facility Carried: SH 463-02-LM 11.02

## Bridge Inspection Report

### Location Map



Latitude: 35.55793

Longitude: -90.50199



Inspector:

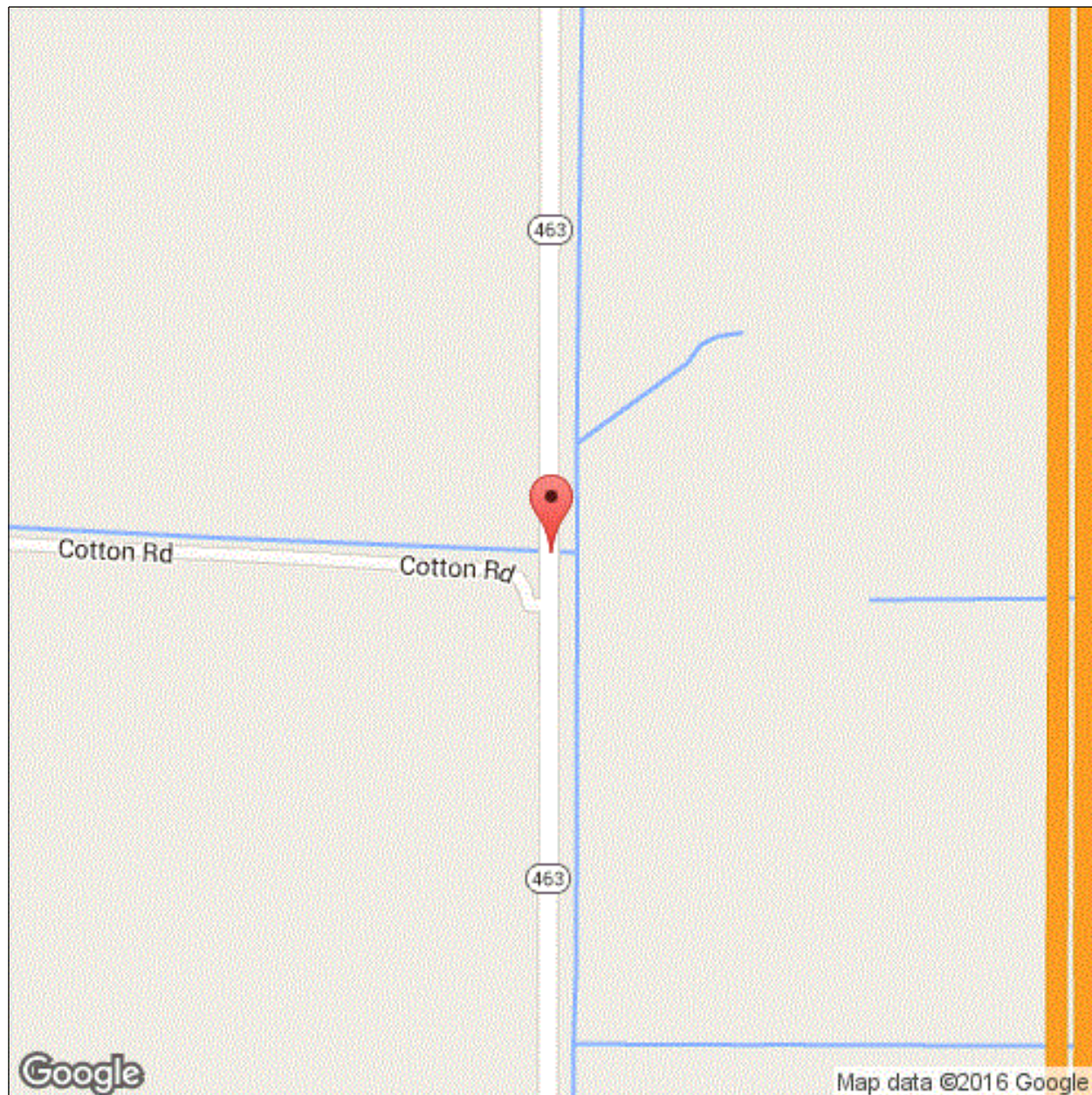
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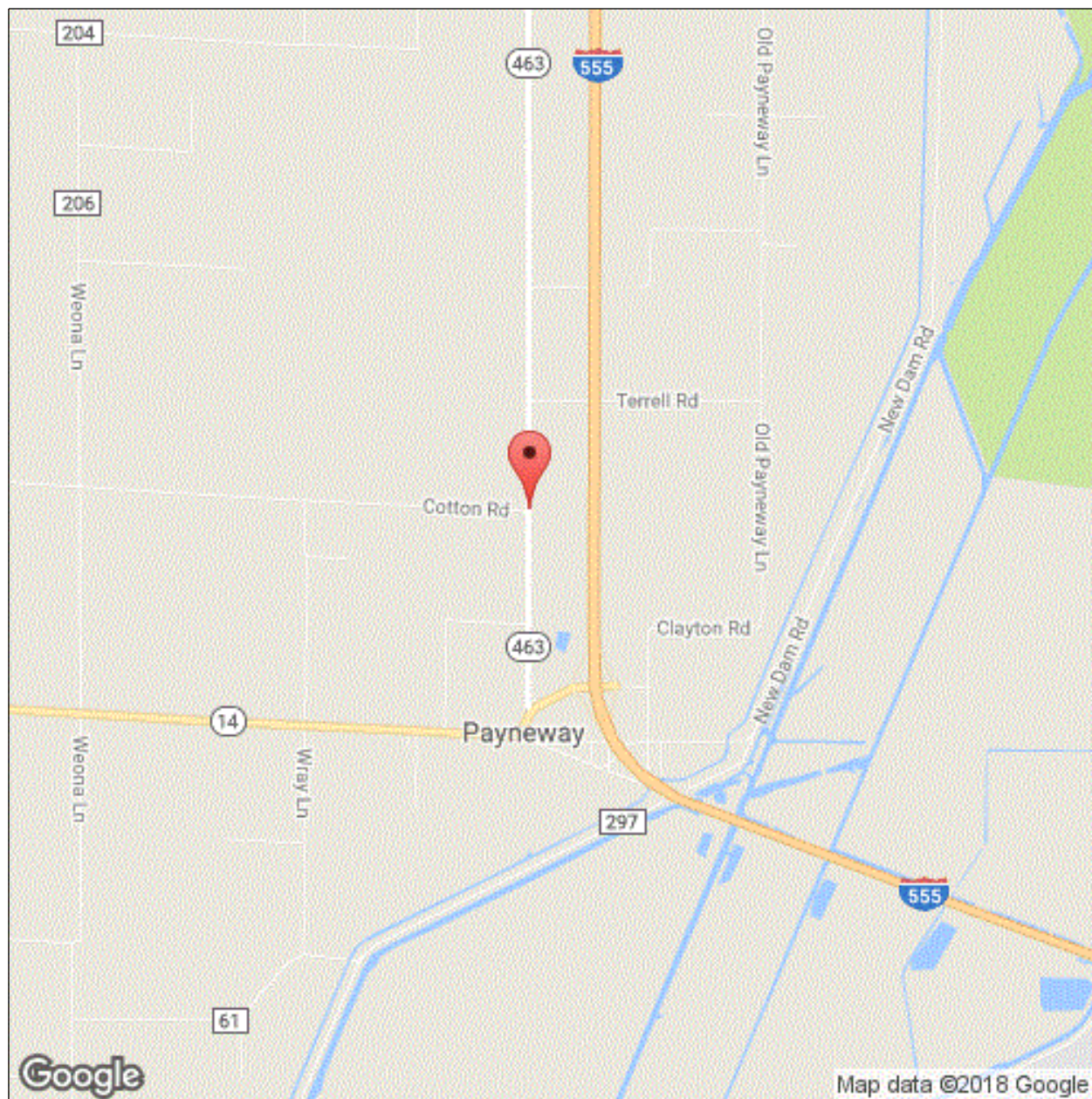
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**Bridge Inspection Report**

**Executive Summary**

Inspector:

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## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	01/04/2018
(8) STRUCTURE NUMBER	00573	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 463 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10 (3) COUNTY CODE 111	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	DITCH 24	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 463-02-LM 11.02		
(9) LOCATION	1 MI NO JCT SH 14		
(11) MILEPOINT 11.020	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.55793	(17) LONGITUDE -90.50199		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	6
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(59) SUPERSTRUCTURE	6
B) TYPE OF DESIGN/CONSTR: 04 - Tee Beam		(60) SUBSTRUCTURE	6
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	6
A) KIND OF MATERIAL/DESIGN: 0 - Other		(62) CULVERT	N
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN	2 (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	1928 (106) YEAR RECONSTRUCTED	(31) DESIGN LOAD	2
(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	60.0
(29) AVERAGE DAILY TRAFFIC	430 (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.)	29 (49) STRUCTURE LENGTH (ft.)	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0.5 RIGHT 0.5	(68) DECK GEOMETRY	6
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	29.9	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	33	(71) WATERWAY ADEQUACY	9
(32) APPROACH ROADWAY WIDTH (ft.)	32.2	(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:	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	30.8	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	91.9 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	646 (115) YEAR OF FUTURE ADT	(103) TEMP STRUCTURE	
	2028	(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	5
		(39) NAV VERT CLEARANCE (ft.)	0
		(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
		(40) NAV HORIZONTAL CLEARANCE (ft.)	0

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## 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.	2015	sq. ft.	1799	107	109	0
1080 - Delamination/Spall/Patched Area		10			10		
1090 - Exposed Rebar		7				7	
1120 - Efflorescence/Rust Staining		37			7	30	
1130 - Cracking (RC and Other)		72				72	
1190 - Abrasion/Wear (PSC/RC)		90			90		
510 - Wearing Surfaces		1720	sq. ft.	1350	0	370	0
3220 - Crack (Wearing Surface)		370			0	370	
<b>110 - Reinforced Concrete Open Girder/Beam</b>	1- Ben.	307	ft.	294	13	0	0
1130 - Cracking (RC and Other)		13			13		
<b>205 - Reinforced Concrete Column</b>	1- Ben.	4	each	2	2	0	0
1080 - Delamination/Spall/Patched Area		2			2		
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	152	ft.	131	6	15	0
1080 - Delamination/Spall/Patched Area		2			2		
1090 - Exposed Rebar		1			1		
1120 - Efflorescence/Rust Staining		18			3	15	
<b>234 - Reinforced Concrete Pier Cap</b>	1- Ben.	28	ft.	28			
<b>331 - Reinforced Concrete Bridge Railing</b>	1- Ben.	120	ft.	118	0	2	0
1130 - Cracking (RC and Other)		2				2	



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### Pictures

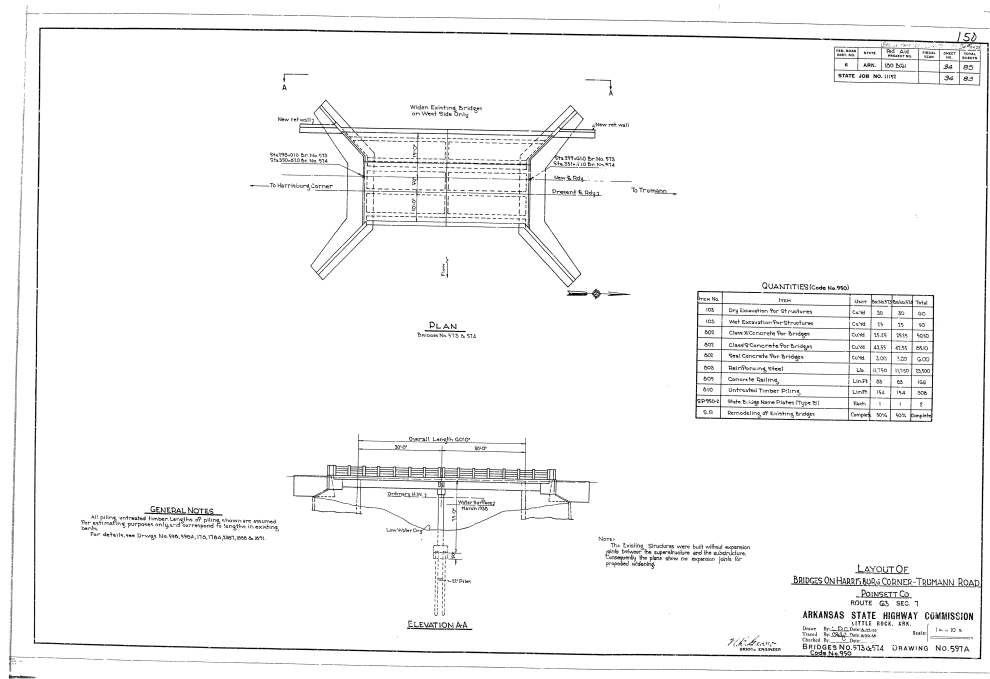


PHOTO 1

Description

PHOTO 2

Description

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### Pictures

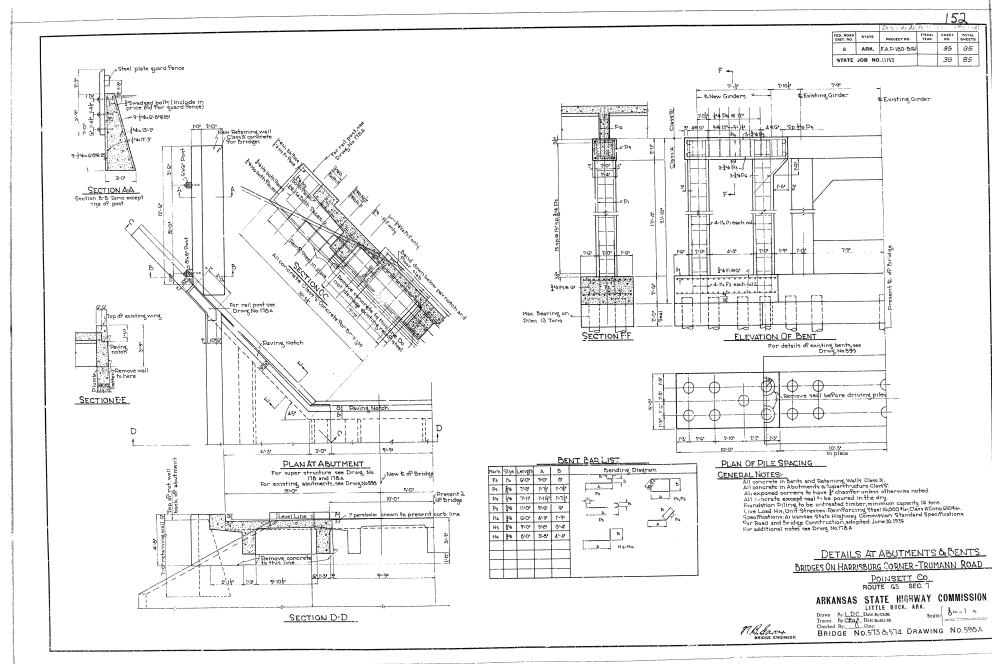


PHOTO 2

Description

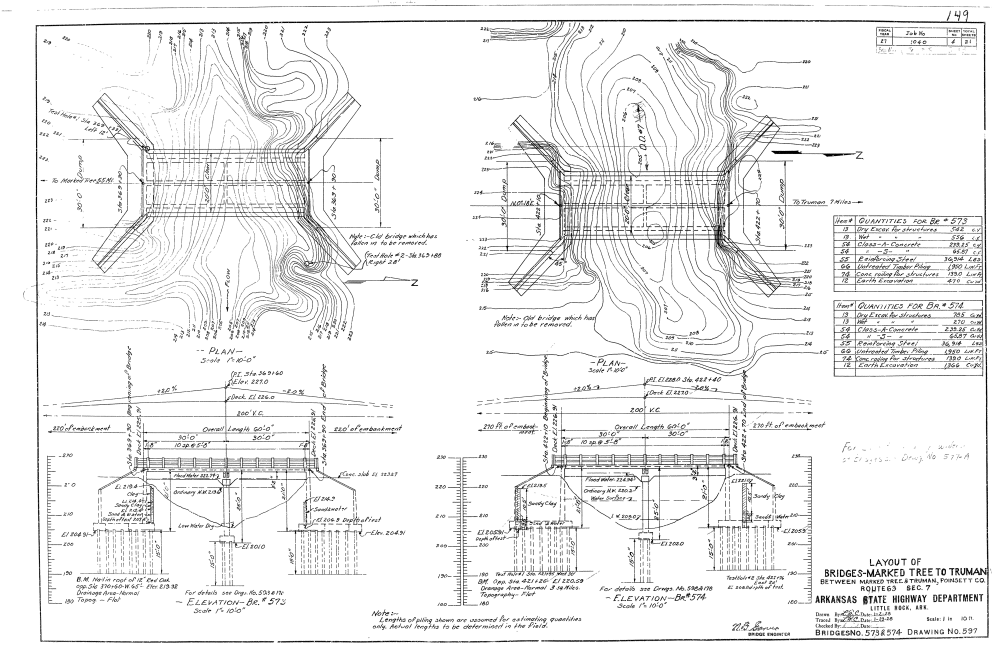


PHOTO 3

Description

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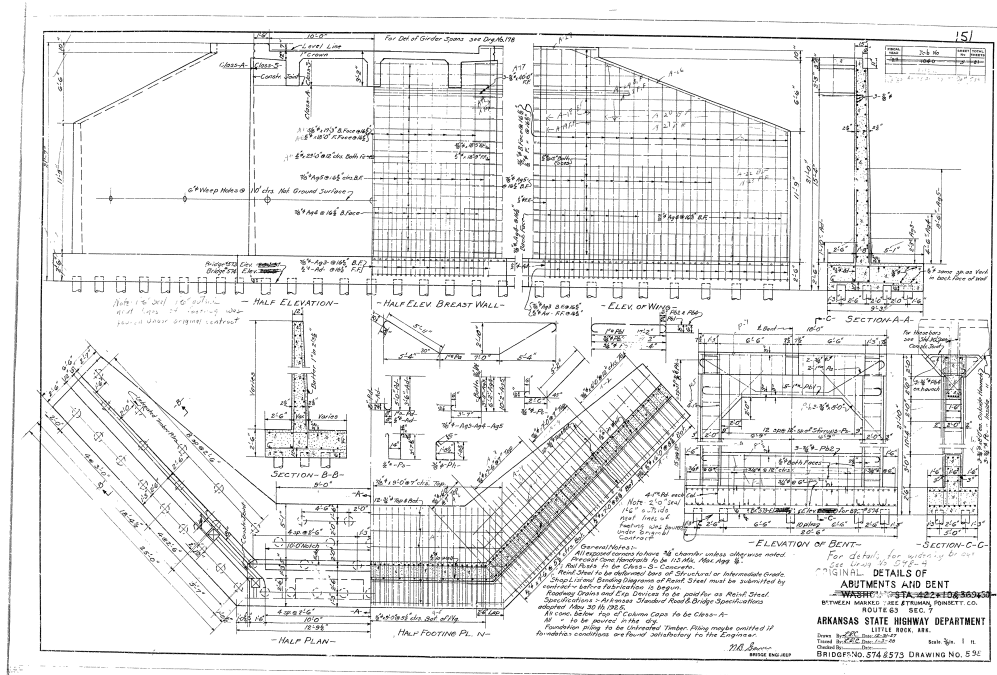


PHOTO 4

Description

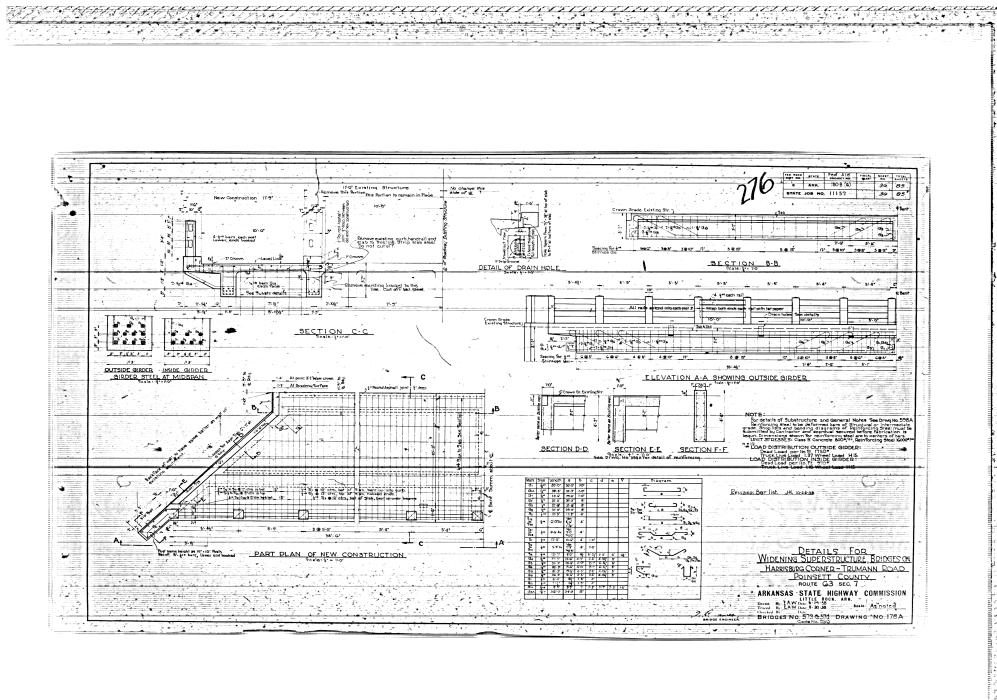


PHOTO 5

Description



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**Bridge Inspection Report**

**Sketches**

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### Bridge Inspection Report

#### Maintenance Needs

**Date Reported:** 1/6/2014 12:00:00 AM

**Priority:** D - Routine

**Work Code:**

---

**Deficiency Description:**

Channel has trees and brush growing adjacent to bridge.

**Work Description:**

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**Date Repairs Completed:**

**Maintenance Comments:**

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**Date Reported:** 1/6/2014 12:00:00 AM

**Priority:** D - Routine

**Work Code:**

---

**Deficiency Description:**

Bent 1 abutment has a small spall with rebar exposed near Lt wing.

**Work Description:**

---

**Date Repairs Completed:**

**Maintenance Comments:**

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**Date Reported:** 01/04/2018

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

**Work Code:**

---

**Deficiency Description:**

Lt end post at bent 3 has settled and is undermined at approach roadway.

**Work Description:**

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**Date Repairs Completed:**

**Maintenance Comments:**

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