

# Bridge Inspection Report

03352

SH 149-06- LM 4.84

over

DRAINAGE DITCH NUMBER 47



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

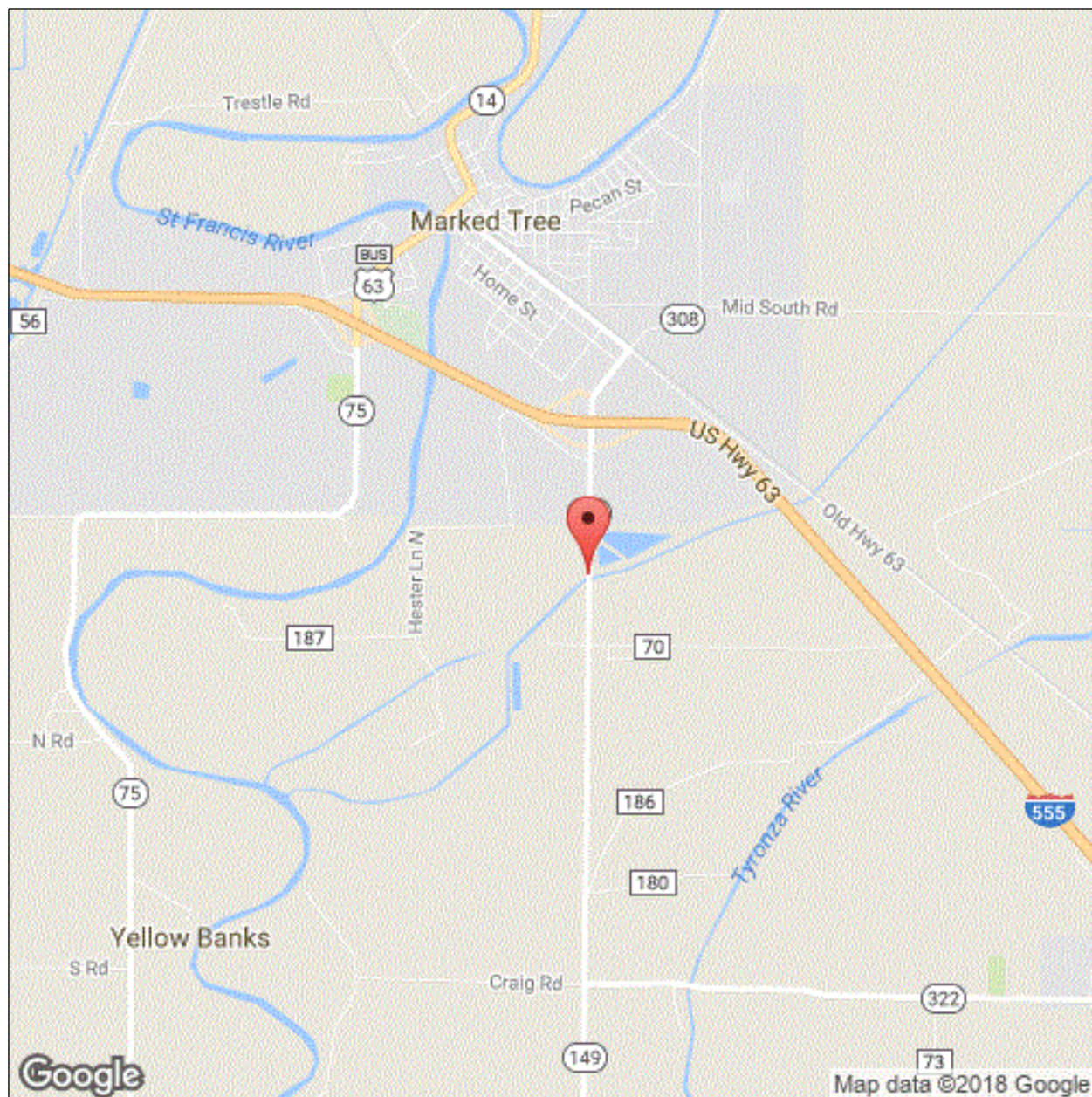
Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

## Bridge Inspection Report

### Location Map



Latitude: 35.51014

Longitude: -90.41245



Inspector:

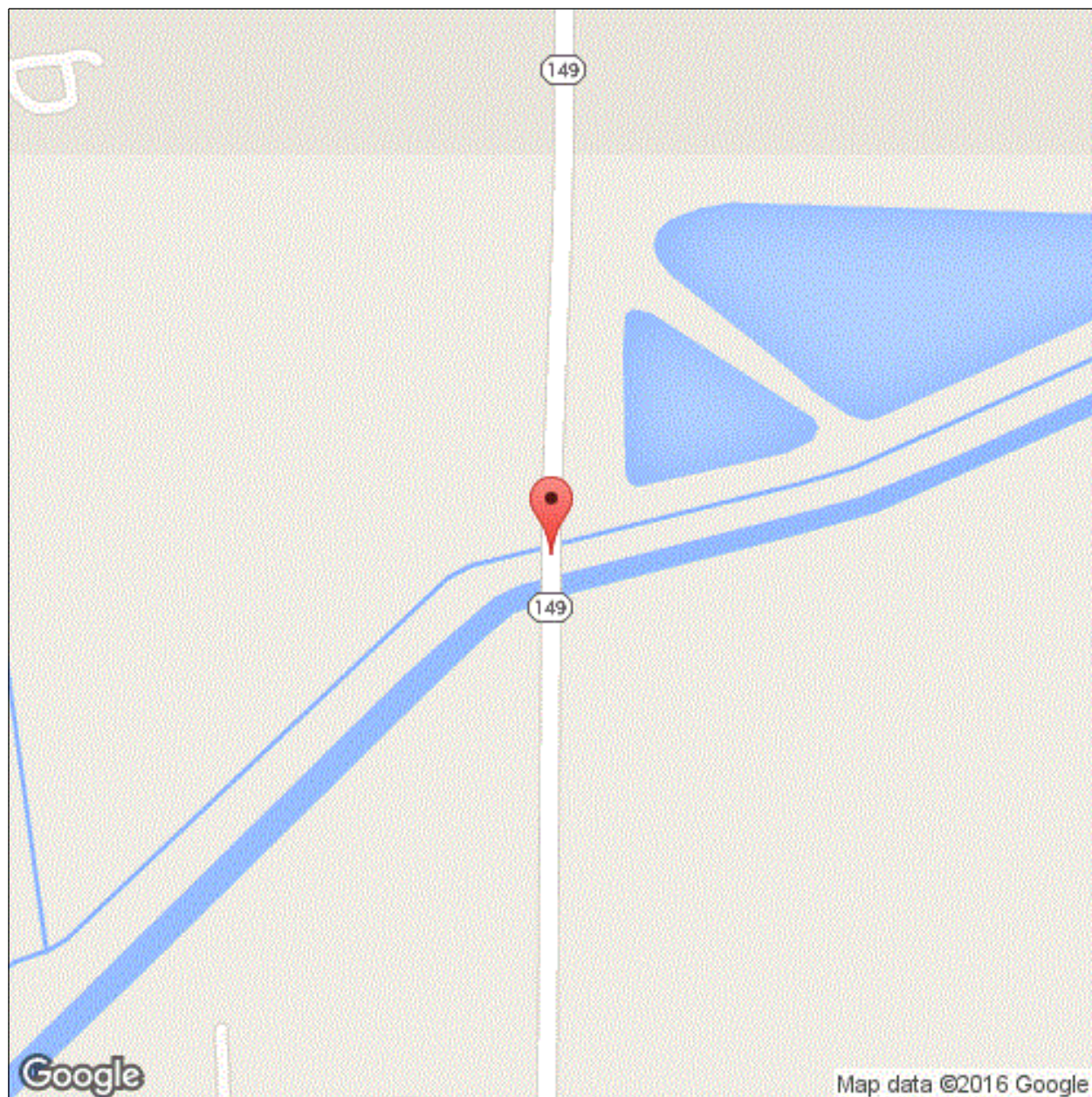
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### Location Map



Latitude: 35.51014

Longitude: -90.41245



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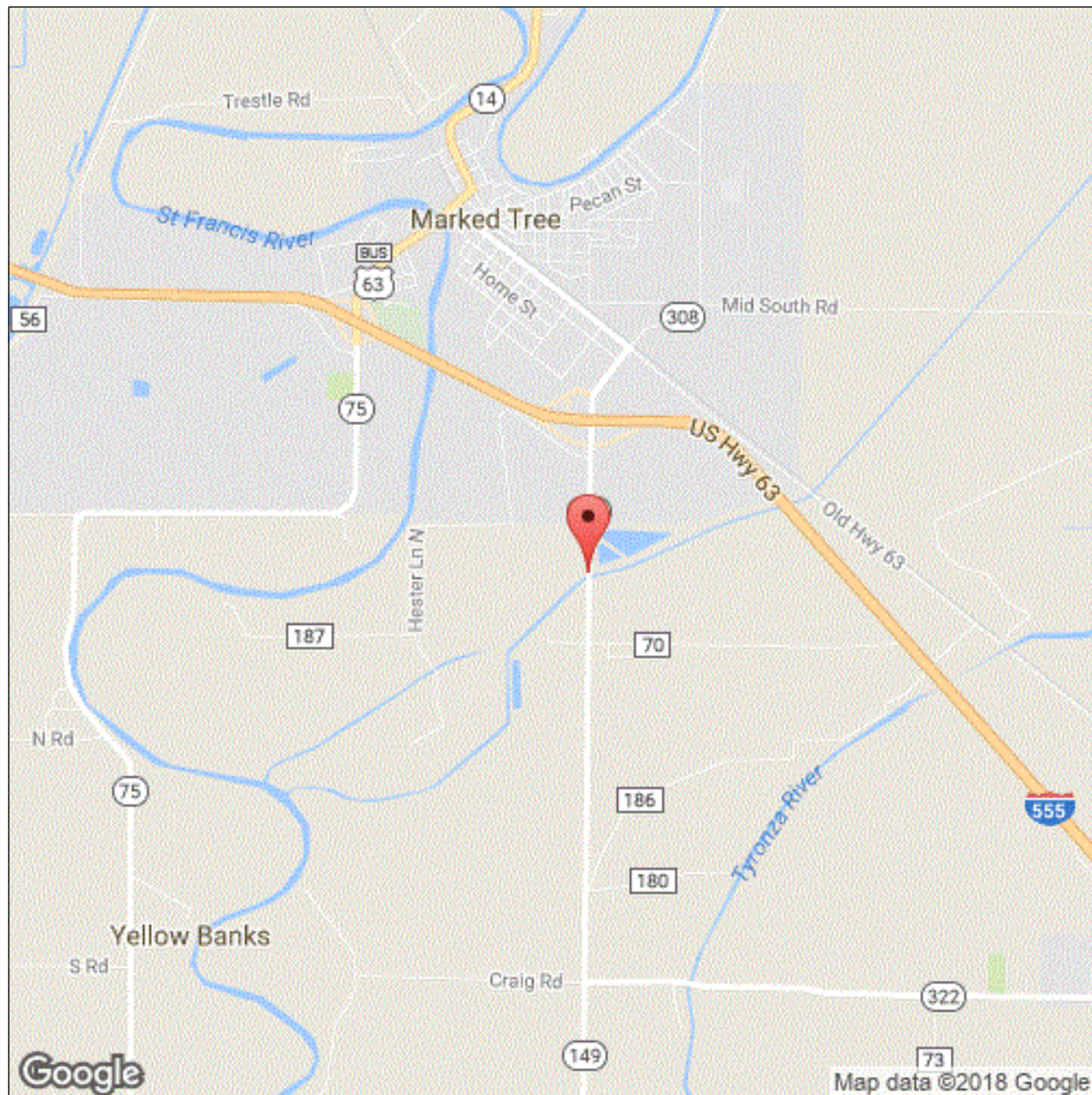
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## Bridge Inspection Report

### Executive Summary

Inspector:

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## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	01/18/2018
(8) STRUCTURE NUMBER	03352	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 149 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	DRAINAGE DITCH NUMBER 47	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 149-06- LM 4.84		
(9) LOCATION	1.0 MI S JCT OF US 63		
(11) MILEPOINT 4.840	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.51014	(17) LONGITUDE -90.41245		
(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: 1 - Concrete		(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 6
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(61) CHANNEL & CHANNEL PROTECTION	6 (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 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		LOAD RATING AND POSTING	
(27) YEAR BUILT 1961	(106) YEAR RECONSTRUCTED 0000	(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	47.0
(29) AVERAGE DAILY TRAFFIC 1300	(19) BYPASS DETOUR LENGTH 5	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	28.0
(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.) 25	(49) STRUCTURE LENGTH (ft.) 75	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0.9 RIGHT 0.9		(68) DECK GEOMETRY	4
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 24.0		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 26.5		(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.) 25.9		(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.) 25.9		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	0 STATUS 73.3
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 1490	(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	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
38 - Reinforced Concrete Slab	1- Ben.	1988	sq. ft.	1908	68	12	0
1120 - Efflorescence/Rust Staining		15			15		
1130 - Cracking (RC and Other)		65			53	12	
510 - Wearing Surfaces		1800	sq. ft.	1702	46	52	0
3210 - Delamination/Spall/Patched Area/Pothole (Wearing Surfaces)		2				2	
3220 - Crack (Wearing Surface)		96			46	50	
227 - Reinforced Concrete Pile	1- Ben.	8	each	8			
234 - Reinforced Concrete Pier Cap	1- Ben.	129	ft.	119	1	9	0
1080 - Delamination/Spall/Patched Area		2			1	1	
1090 - Exposed Rebar		3				3	
1120 - Efflorescence/Rust Staining		5				5	
301 - Pourable Joint Seal	1- Ben.	48	ft.	48			
330 - Metal Bridge Railing	1- Ben.	150	ft.	74	75	1	0
1000 - Corrosion		75			75		
7000 - Damage		1				1	



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## Bridge Inspection Report

Pictures

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## Bridge Inspection Report

Sketches

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### Bridge Inspection Report

## Maintenance Needs

Date Reported: 1/3/2012 12:00:00 AM

Priority: C - Important

Work Code:

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#### Deficiency Description:

Bent 1 cap is undermined for 10' on Rt end up to 1' down and 3' back under. Cap is undermined for 3' on Lt end up to 6" down and 1.5' back under.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

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## Bridge Inspection Report

### Maintenance Needs

Date Reported: 1/3/2012 12:00:00 AM

Priority: C - Important

Work Code:

---

Deficiency Description:

Bent 3 cap is deteriorated on Lt and Rt ends with rebar exposed on Rt end.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

---

Stage: Monitor



PHOTO 1 Description

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## Maintenance Needs

Date Reported: 1/3/2012 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code:

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Deficiency Description:

Channel

Small trees growing under bridge.

Work Description:

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Date Repairs Completed: 01/18/2018

Maintenance Comments:

Trees have been removed.

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