

Bridge Inspection Report

02800

**SH 36 White County
over
EAST HOG THIEF CREEK**



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

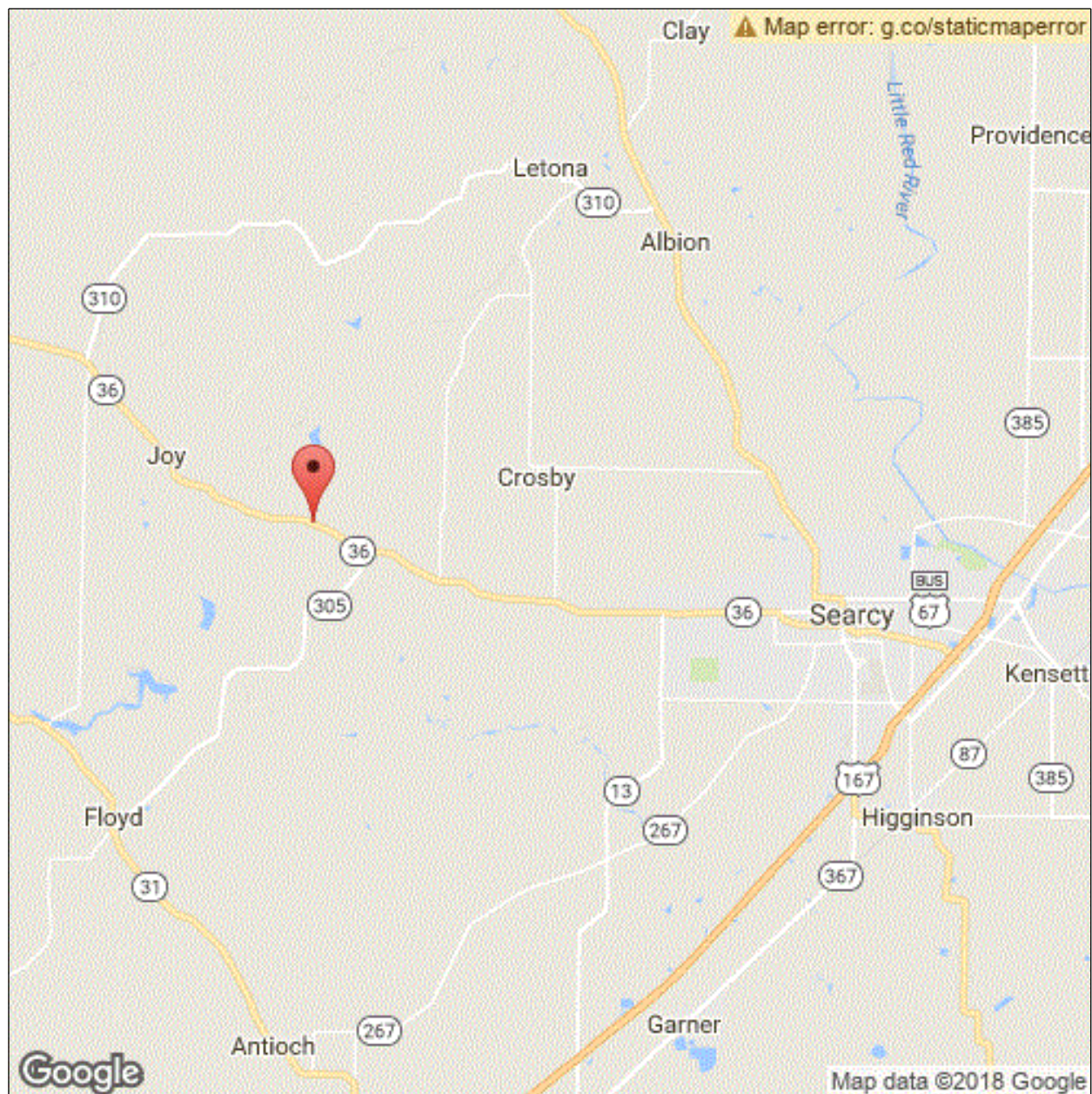
Structure Number: 02800

Inspection Date:

Facility Carried: SH 36 White County

Bridge Inspection Report

Location Map



Latitude: 35.27011

Longitude: -91.90384

Inspector:

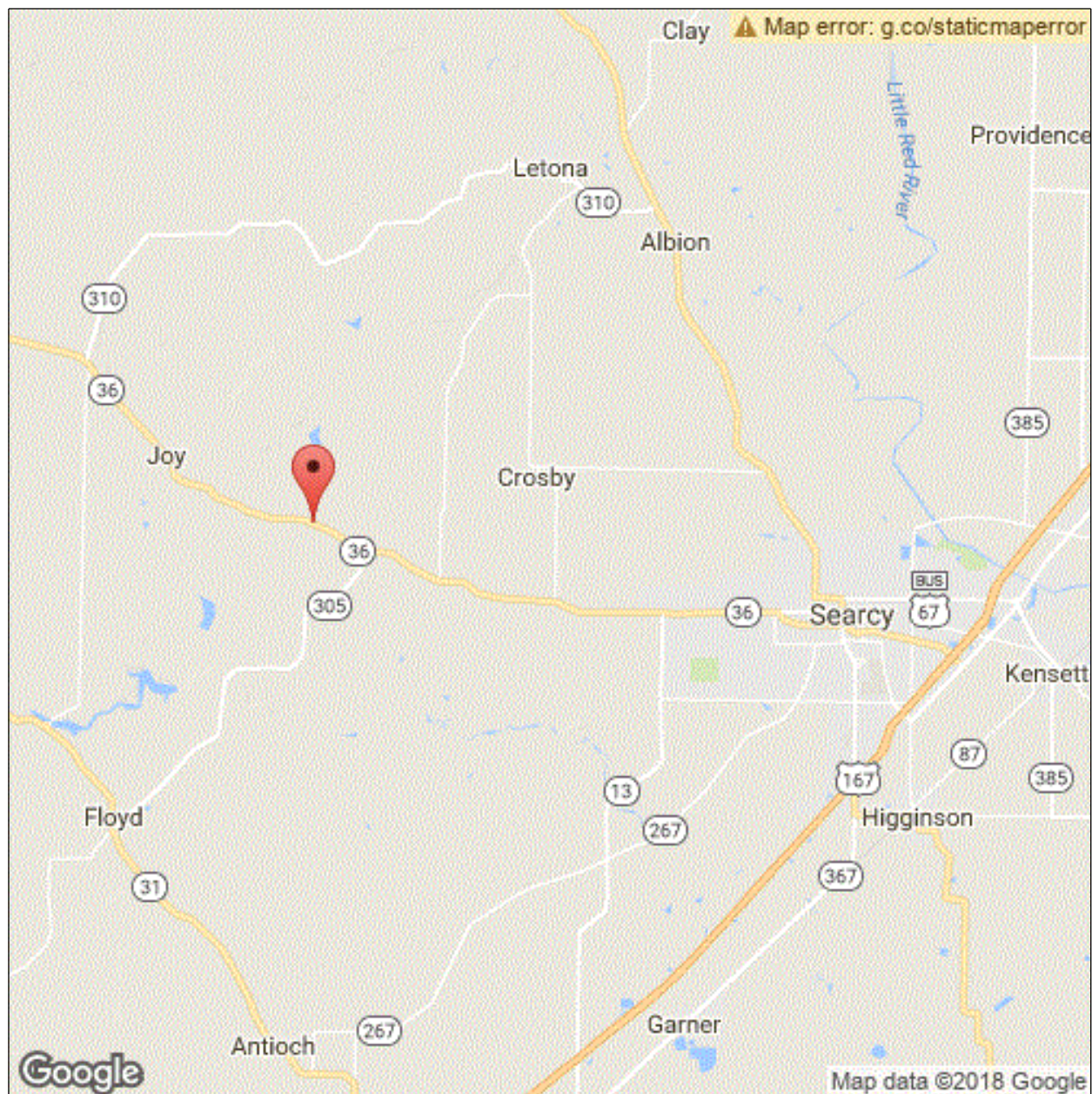
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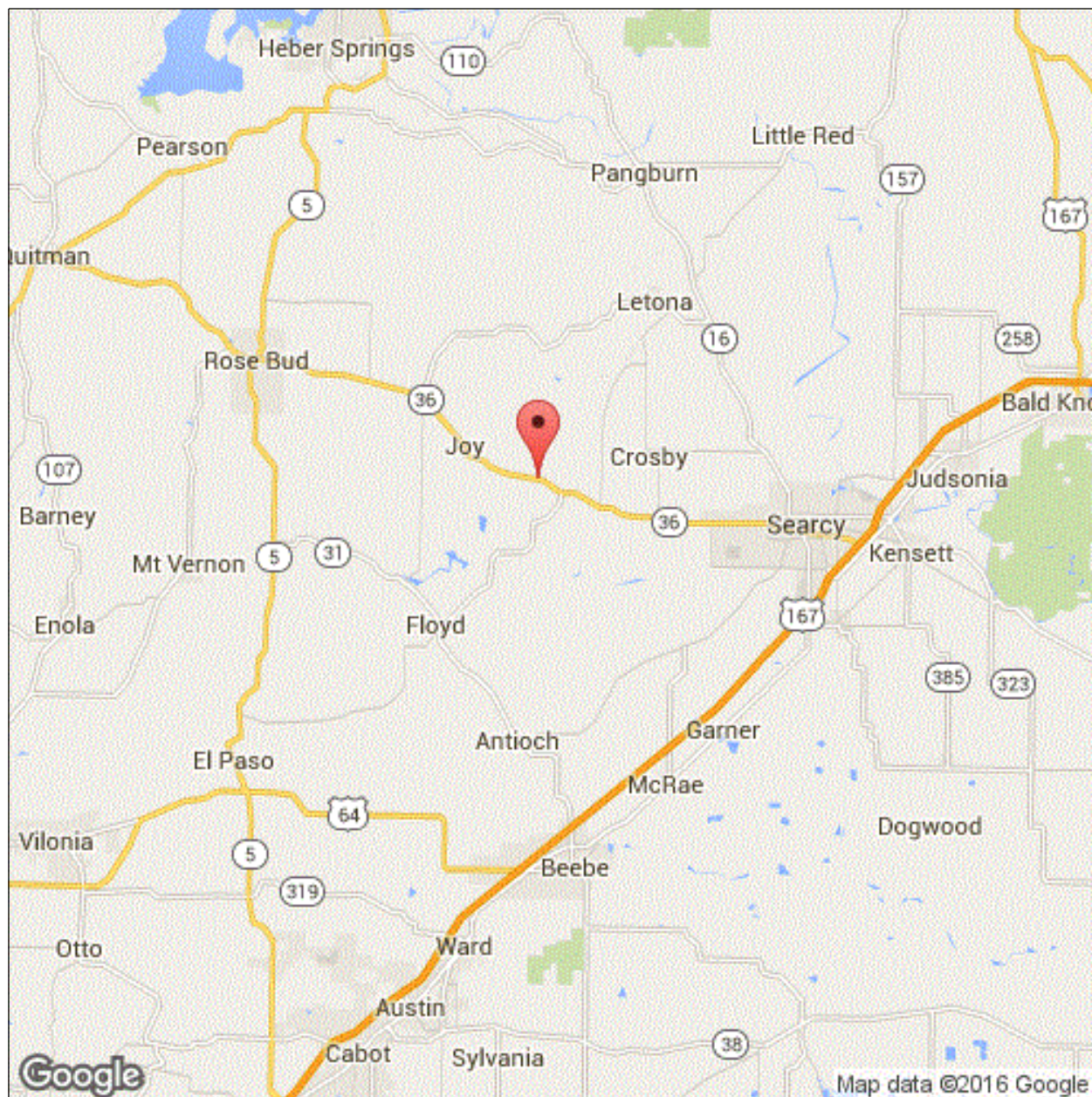
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Executive Summary

Log Mile looking East.

Construction Job 5355.

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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	02/27/2019
(8) STRUCTURE NUMBER	02800	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 36 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	EAST HOG THIEF CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 36 White County		
(9) LOCATION	1.26 MI W JCT SH 305		
(11) MILEPOINT 11.487	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.27011	(17) LONGITUDE -91.90384		
(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: 2 - Concrete continuous		(59) SUPERSTRUCTURE	7
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(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 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 1952	(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	33
(29) AVERAGE DAILY TRAFFIC 2500	(19) BYPASS DETOUR LENGTH 32	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	20
(109) AVERAGE DAILY TRUCK TRAFFIC 1		(70) BRIDGE POSTING	3
		(41) STRUCTURE OPEN/POSTED/CLOSED	P
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 25	(49) STRUCTURE LENGTH (ft.) 66	(67) STRUCTURAL EVALUATION	5
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 1	RIGHT 1	(68) DECK GEOMETRY	2
(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.)	24.0	(72) APPROACH ROADWAY ALIGNMENT	7
(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	8
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	SUFFICIENCY RATING	48.6
		STATUS	2
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED 31	(75B) WORK DONE BY 1	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	91.0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(95) ROADWAY IMPROVEMENT COST (\$)	125	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	309	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE	2003	(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 4472	(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

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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.	1749	sq. ft.	0	1694	55	0
	Transverse & Longitudinal cracking to deck @ all spans. Efflorescent cracking to soffit @ Span 2 @ construction (sawed) joint. Spalls with rebar exposed to soffit @ Span 2. Spalls with rebar exposed to deck in Right lane @ Span 2. Patched areas to deck over Bent 2. Entire surface of deck has minor to moderate abrasion. Spall to outside of Right curb @ Span 1.						
1080 - Delamination/Spall/Patched Area		26		0	26	0	0
1090 - Exposed Rebar		5		0	0	5	0
1120 - Efflorescence/Rust Staining		8		0	8	0	0
1130 - Cracking (RC and Other)		130		0	100	30	0
1190 - Abrasion/Wear (PSC/RC)		1580		0	1560	20	0
205 - Reinforced Concrete Column	1- Ben.	4	each	1	3	0	0
	Scour & abrasion to Column 1 @ Bent 1. Scour & abrasion to Columns 1 & 2 @ Bent 2.						
6000 - Scour		3		0	3	0	0
234 - Reinforced Concrete Pier Cap	1- Ben.	110	ft.	110	0	0	0
330 - Metal Bridge Railing	1- Ben.	132	ft.	0	132	0	0
	Rust to Left & Right bridge rails.						
1000 - Corrosion		132		0	132	0	0
515 - Steel Protective Coating		396	sq. ft.	0	0	198	198
3440 - Effectiveness (Steel Protective Coatings)		396		0	0	198	198

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Pictures

PHOTO 1

Description

PHOTO 2

Description

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Bridge Inspection Report

Sketches

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 2/9/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Scour @ Bent 1 & 2.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Scour @ Bent 1.

Stage: Assigned



PHOTO 2 Description Scour @ Bent 2.

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Maintenance Needs

Date Reported: 2/9/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Erosion to embankment @ Abutment 1 & 2.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Scour @ Bent 1.

Stage: Assigned



PHOTO 2 Description Erosion to embankment @ Abutment 2.