

Bridge Inspection Report

03351

SH 149-06- LM 4.80

over

DRAINAGE DITCH NUMBER 1



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

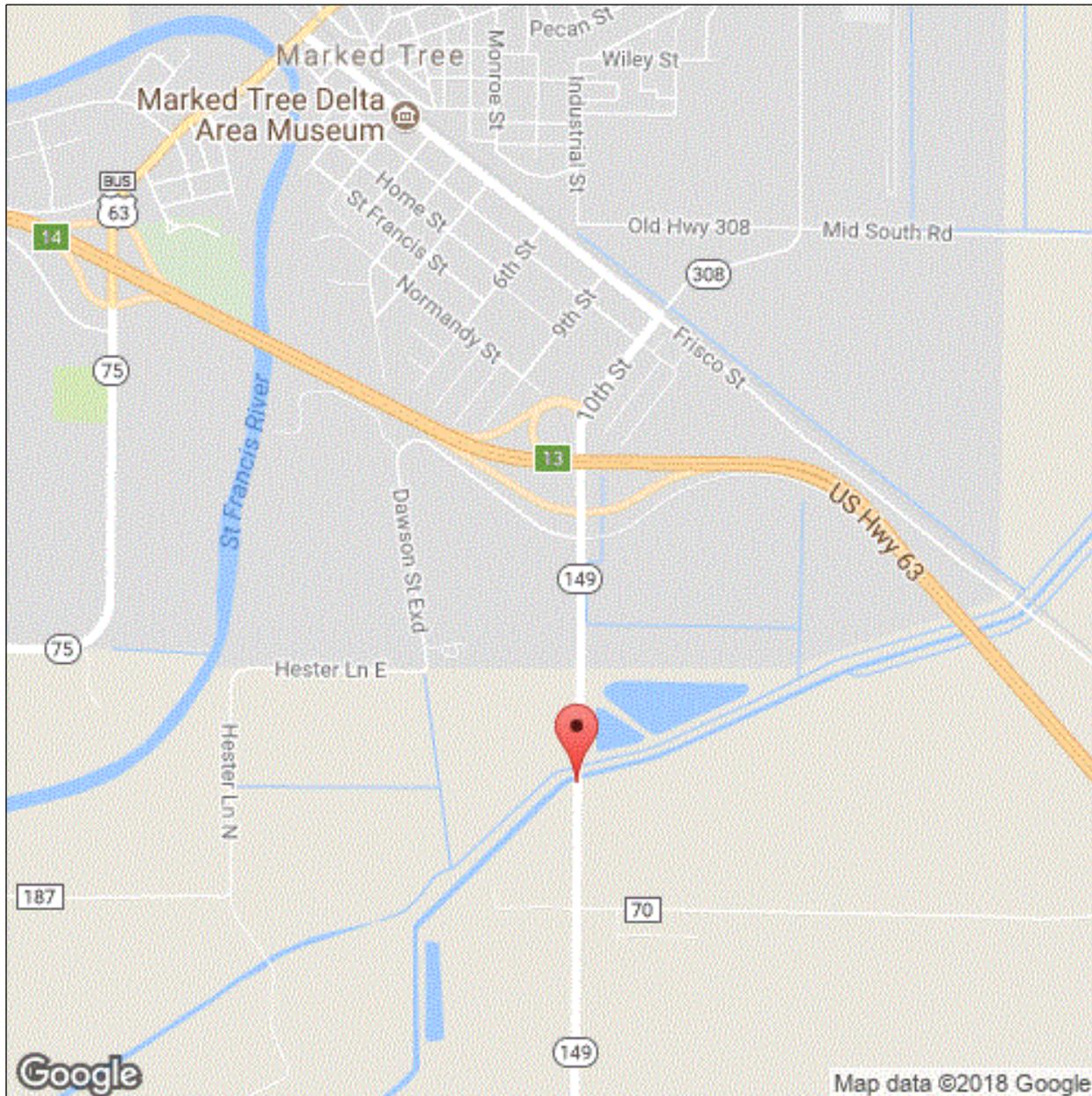
Structure Number: 03351

Inspection Date:

Facility Carried: SH 149-06- LM 4.80

Bridge Inspection Report

Location Map



Latitude: 35.50966

Longitude: -90.41246

Inspector:

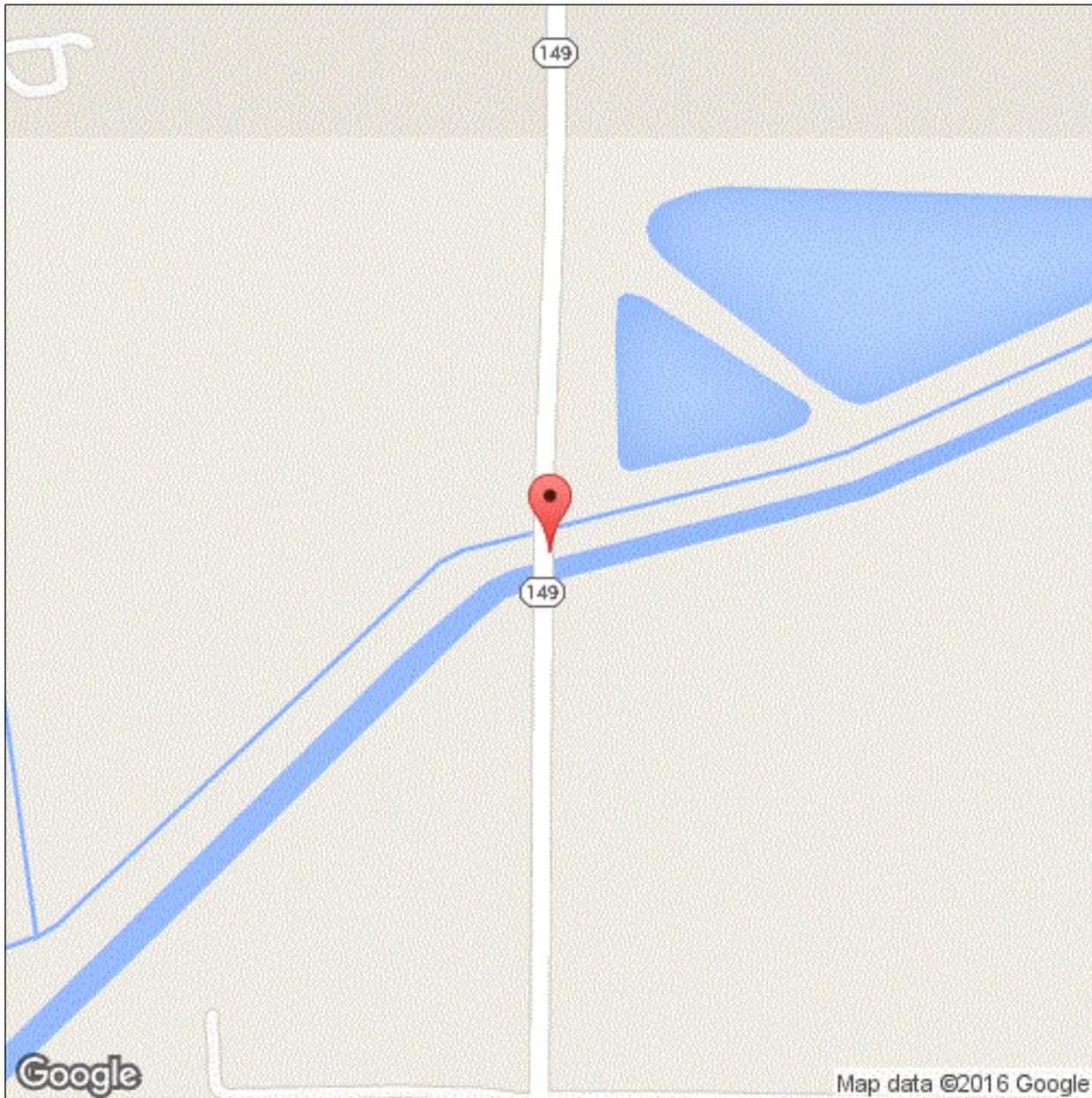
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Bridge Inspection Report

Location Map



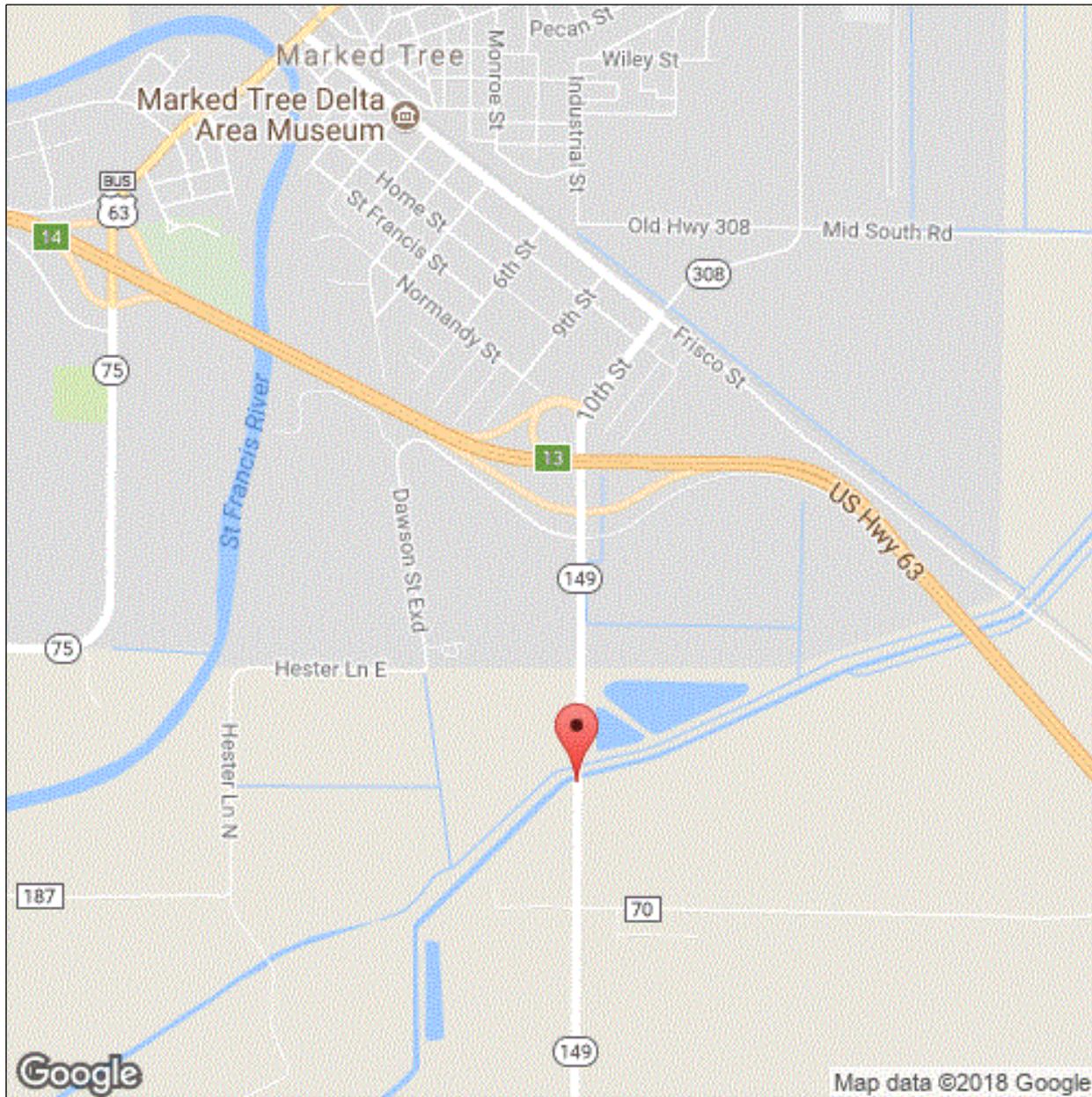
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Executive Summary

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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	03351	(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 1	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 149-06- LM 4.80	CONDITION	
(9) LOCATION	1.0 MI S JCT OF US 63	(58) DECK	7
(11) MILEPOINT 4.800	(12) BASE HIGHWAY NETWORK 0	(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 6
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00	(61) CHANNEL & CHANNEL PROTECTION	6 (62) CULVERT N
(16) LATITUDE 35.50966	(17) LONGITUDE -90.41246	LOAD RATING AND POSTING	
(98A) BORDER BRIDGE CODE		(31) DESIGN LOAD	2
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(63) METHOD USED TO DETERMINE OPERATING RATING	1
STRUCTURE TYPE AND MATERIAL		(64) OPERATING RATING	47.0
(43) STRUCTURE TYPE, MAIN		(65) METHOD USED TO DETERMINE INVENTORY RATING	1
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(66) INVENTORY RATING	28.0
B) TYPE OF DESIGN/CONSTR:	01 - Slab	(70) BRIDGE POSTING	5
(44) STRUCTURE TYPE, APPROACH SPANS		(41) STRUCTURE OPEN/POSTED/CLOSED	A
A) KIND OF MATERIAL/DESIGN:	0 - Other	APPRAISAL	
B) TYPE OF DESIGN/CONSTR:	00 - Other	(67) STRUCTURAL EVALUATION	6
(45) NUMBER OF SPANS IN MAIN	5 (46) NUMBER OF APPROACH	(68) DECK GEOMETRY	4
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	(71) WATERWAY ADEQUACY	8
		(72) APPROACH ROADWAY ALIGNMENT	8
AGE OF SERVICE		(36) TRAFFIC SAFETY FEATURE	
(27) YEAR BUILT	1961 (106) YEAR RECONSTRUCTED	36A) BRIDGE RAILINGS:	0
(42) TYPE OF SERVICE	ON 1 UNDER 5	36B) TRANSITIONS:	0
(28) LANES	ON 02 UNDER 00	36C) APPROACH GUARDRAIL:	0
(29) AVERAGE DAILY TRAFFIC	1300 (19) BYPASS DETOUR LENGTH	36D) APPROACH GUARDRAIL ENDS:	0
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(113) SCOUR CRITICAL BRIDGES	5
(109) AVERAGE DAILY TRUCK TRAFFIC	1	SUFFICIENCY RATING	0 STATUS 73.3
		CLASSIFICATION	
GEOMETRIC DATA		(112) NBIS BRIDGE LENGTH	Y
(48) LENGTH OF MAX SPAN (ft.)	25 (49) STRUCTURE LENGTH (ft.)	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0.9 RIGHT 0.9	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	24.0	(100) STRAHNET HIGHWAY DESIGNATION	0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	26.5	(101) PARALLEL STRUCTURE DESIGNATION	N
(32) APPROACH ROADWAY WIDTH (ft.)	25.9	(102) DIRECTION OF TRAFFIC	2
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(103) TEMP STRUCTURE	
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	(105) FEDERAL LANDS HIGHWAYS	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	25.9	(110) DESIGNATED NATIONAL NETWORK	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(20) TOLL	3
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(21) MAINTENANCE RESPONSIBILITY	01
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(22) OWNER	01
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(37) HISTORICAL	5
PROPOSED IMPROVEMENTS		NAVIGATION DATA	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(38) NAVIGATION CONTROL	0
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0	(111) PIER OR ABUTMENT PROTECTION	5
(94) BRIDGE IMPROVEMENT COST (\$)	0	(39) NAV VERT CLEARANCE (ft.)	0
(95) ROADWAY IMPROVEMENT COST (\$)	0	(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
(96) TOTAL PROJECT COST	0	(40) NAV HORIZONTAL CLEARANCE (ft.)	0
(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(114) FUTURE ADT	1490 (115) YEAR OF FUTURE ADT		2028

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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.	3313	sq. ft.	3256	48	9	0
1080 - Delamination/Spall/Patched Area		40			40		
1120 - Efflorescence/Rust Staining		9				9	
1130 - Cracking (RC and Other)		8			8		
510 - Wearing Surfaces		3000	sq. ft.	2856	0	144	0
3210 - Delamination/Spall/Patched Area/Pothole (Wearing Surfaces)		40				40	
3220 - Crack (Wearing Surface)		104			0	104	
227 - Reinforced Concrete Pile	1- Ben.	16	each	7	8	1	0
1090 - Exposed Rebar		1				1	
1190 - Abrasion/Wear (PSC/RC)		8			8		
234 - Reinforced Concrete Pier Cap	1- Ben.	184	ft.	173	2	9	0
1090 - Exposed Rebar		4			2	2	
1120 - Efflorescence/Rust Staining		2				2	
1130 - Cracking (RC and Other)		5				5	
301 - Pourable Joint Seal	1- Ben.	96	ft.	96			
330 - Metal Bridge Railing	1- Ben.	250	ft.	0	248	2	0
1000 - Corrosion		248			248		
7000 - Damage		2				2	

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Pictures

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Sketches

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Bridge Inspection Report

Maintenance Needs

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

Priority: D - Routine

Work Code:

Deficiency Description:

Wearing surface has transverse cracks over bents with some spalled and delaminated areas. Spans 2 and 5 have delaminated/rutted areas in wearing surface near Rt gutter.

Work Description:

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: C - Important

Work Code:

Deficiency Description:

Bent 3 cap has 2' on Rt end that has concrete deterioration and rebar exposed.

Work Description:

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: C - Important

Work Code:

Deficiency Description:

Bent 5 pile 1 is cracked and spalled with rebar exposed.

Work Description:

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: D - Routine

Work Code:

Deficiency Description:

Bent 6 abutment is undermined for 8' on Rt end up to 1' down and 2' back under.

Work Description:

Date Repairs Completed:

Maintenance Comments:
