

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:

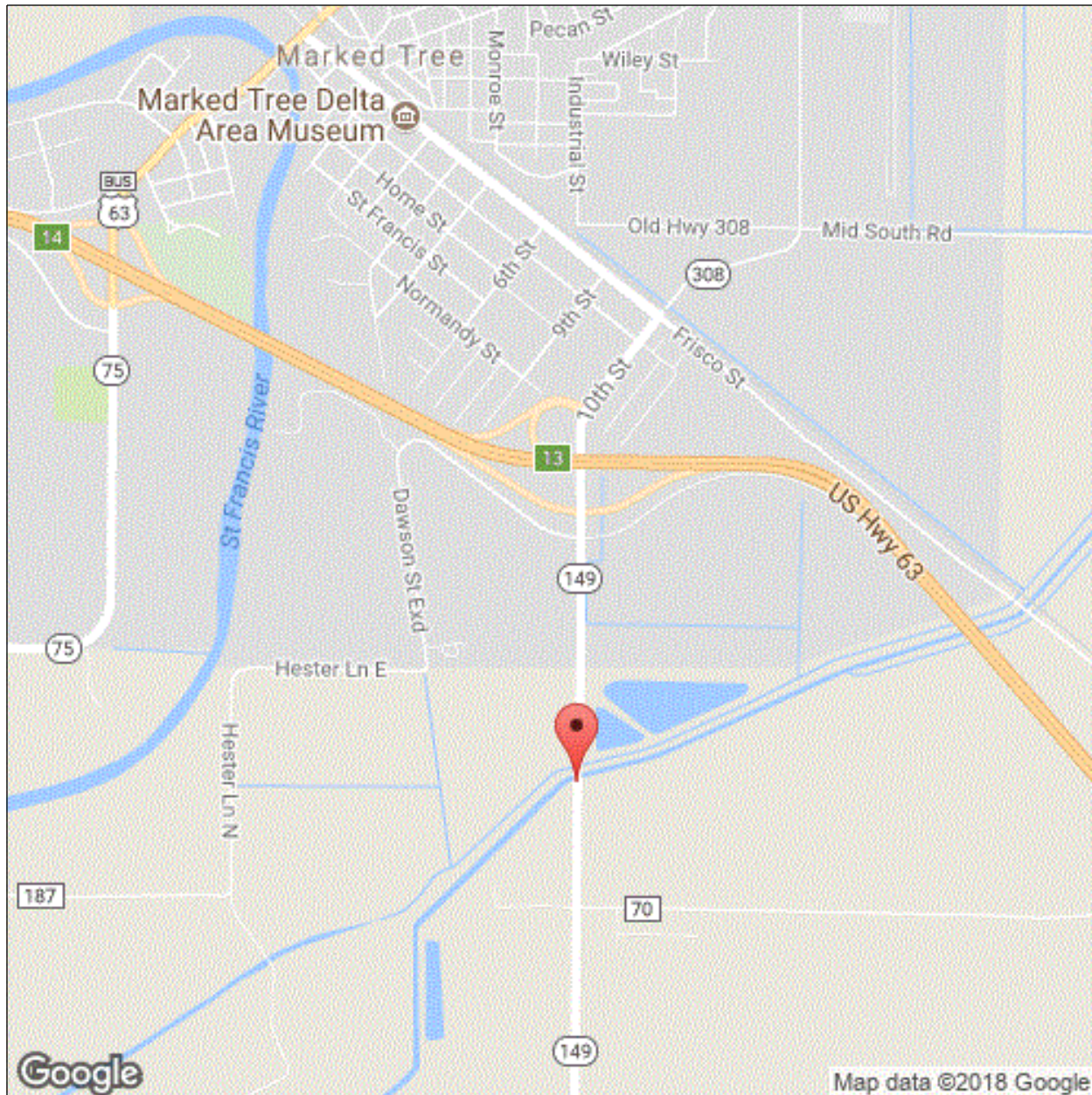
Structure Number: 03351

Inspection Date:

Facility Carried: SH 149-06- LM 4.80

Bridge Inspection Report

Location Map



Latitude: 35.50966

Longitude: -90.41246

Inspector:

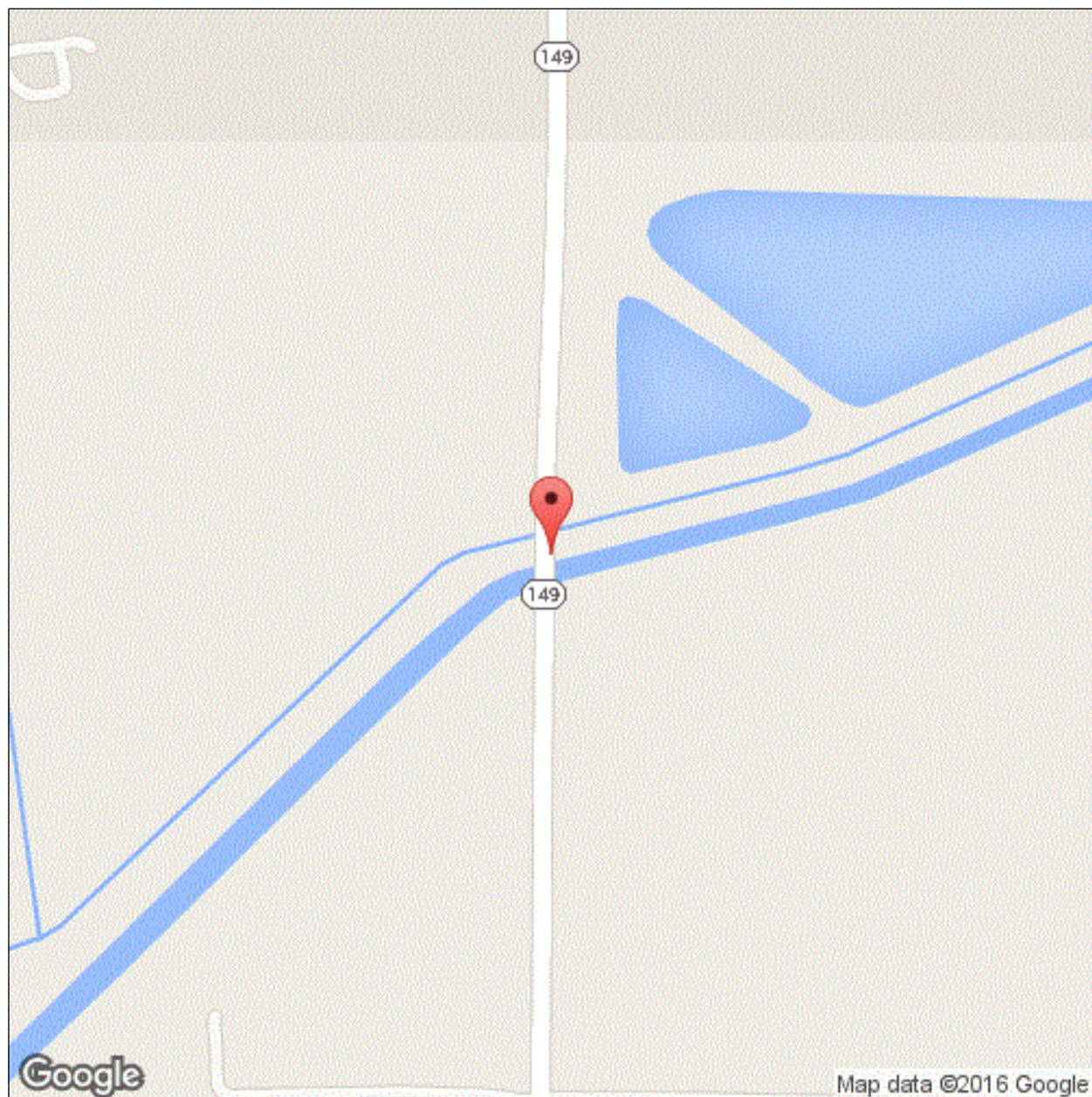
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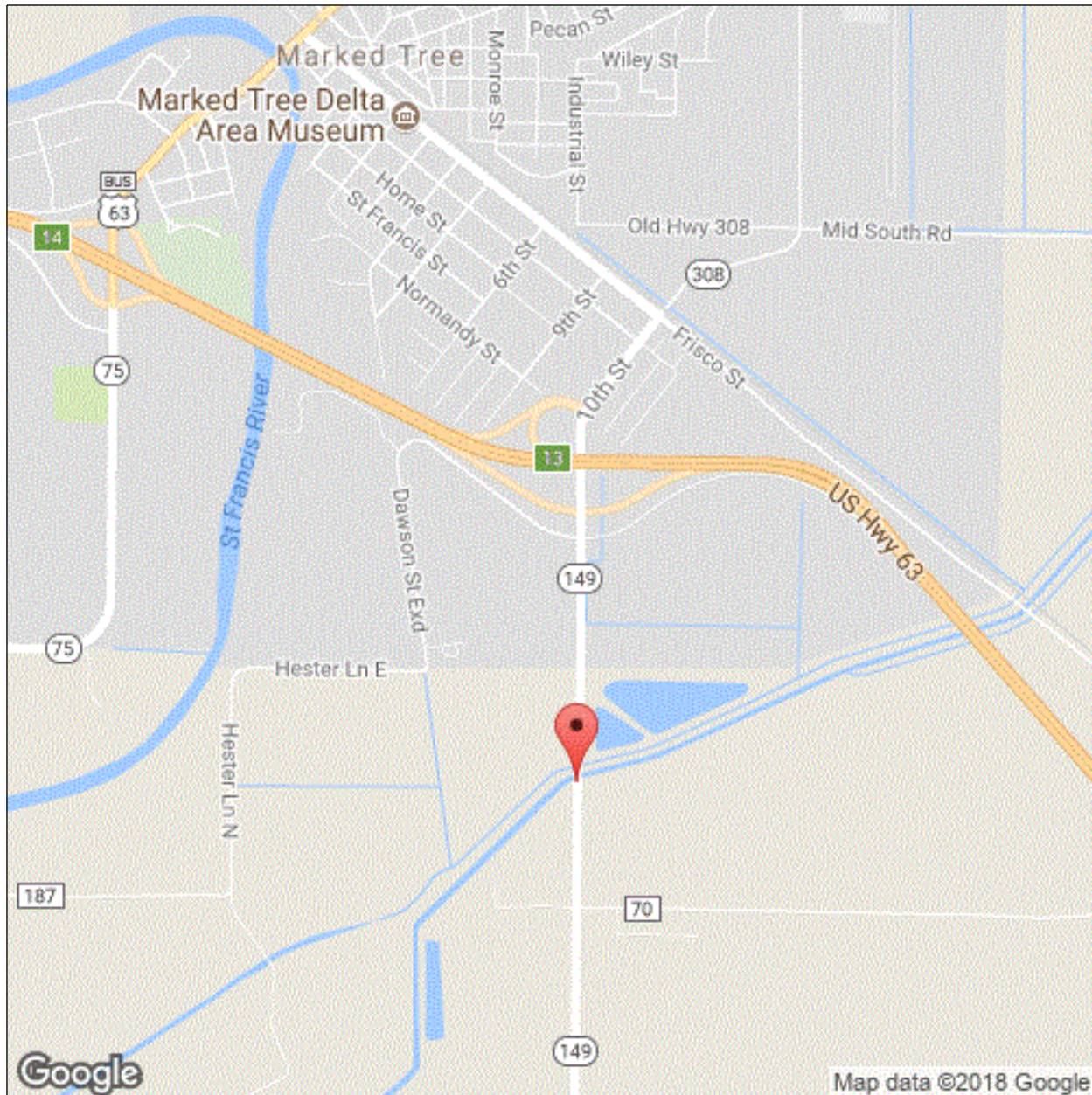
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Executive Summary

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	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		
(9) LOCATION	1.0 MI S JCT OF US 63		
(11) MILEPOINT 4.800	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.50966	(17) LONGITUDE -90.41246		
(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 5	(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.) 125	(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.	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:
