

Bridge Inspection Report

06810
US 167/Indepen Co.
over
SALADO CREEK



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

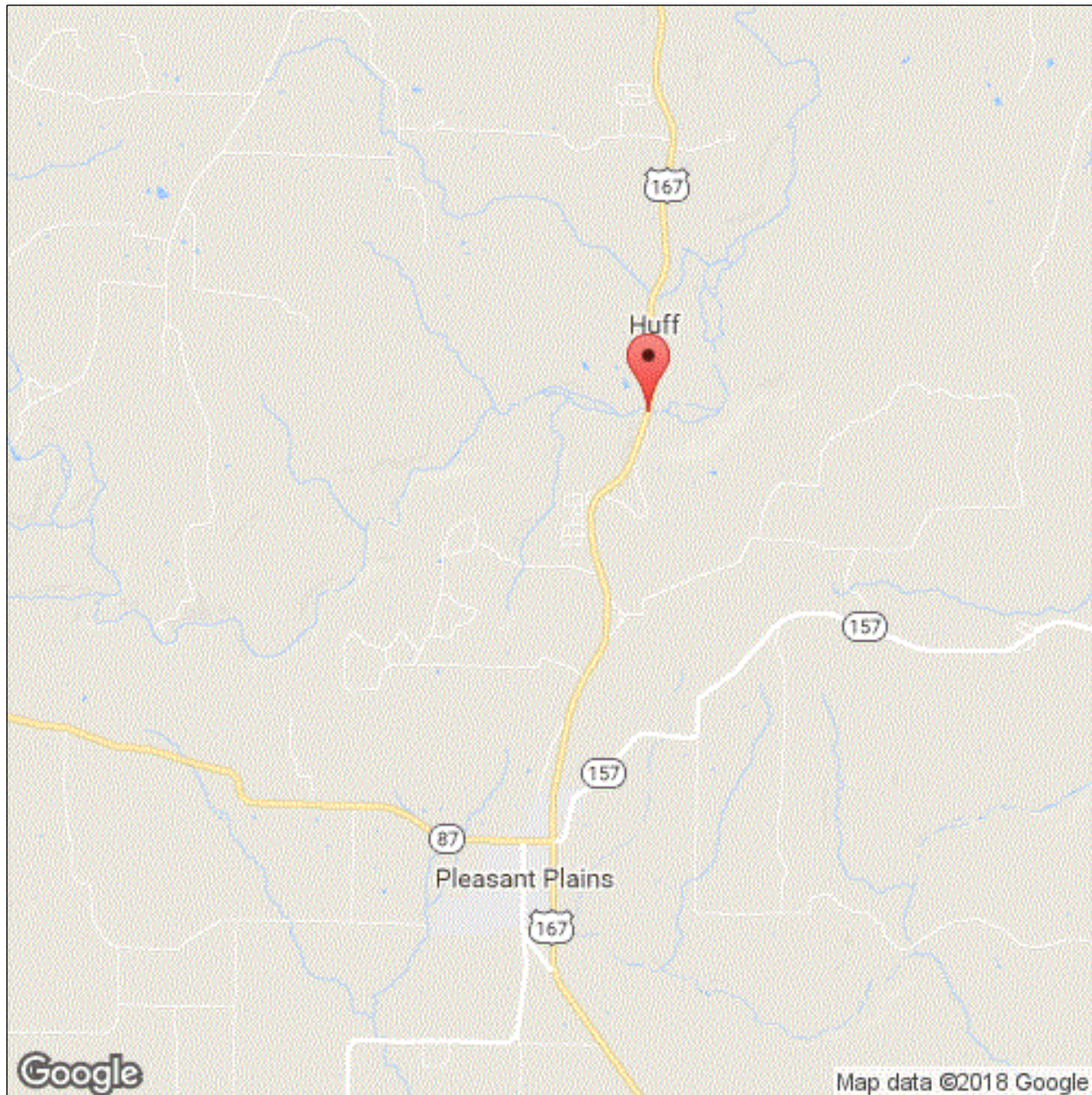
Structure Number: 06810

Inspection Date:

Facility Carried: US 167/Indepen Co.

Bridge Inspection Report

Location Map



Latitude: 35.612333284372156

Longitude: -91.60679137367674

Inspector:

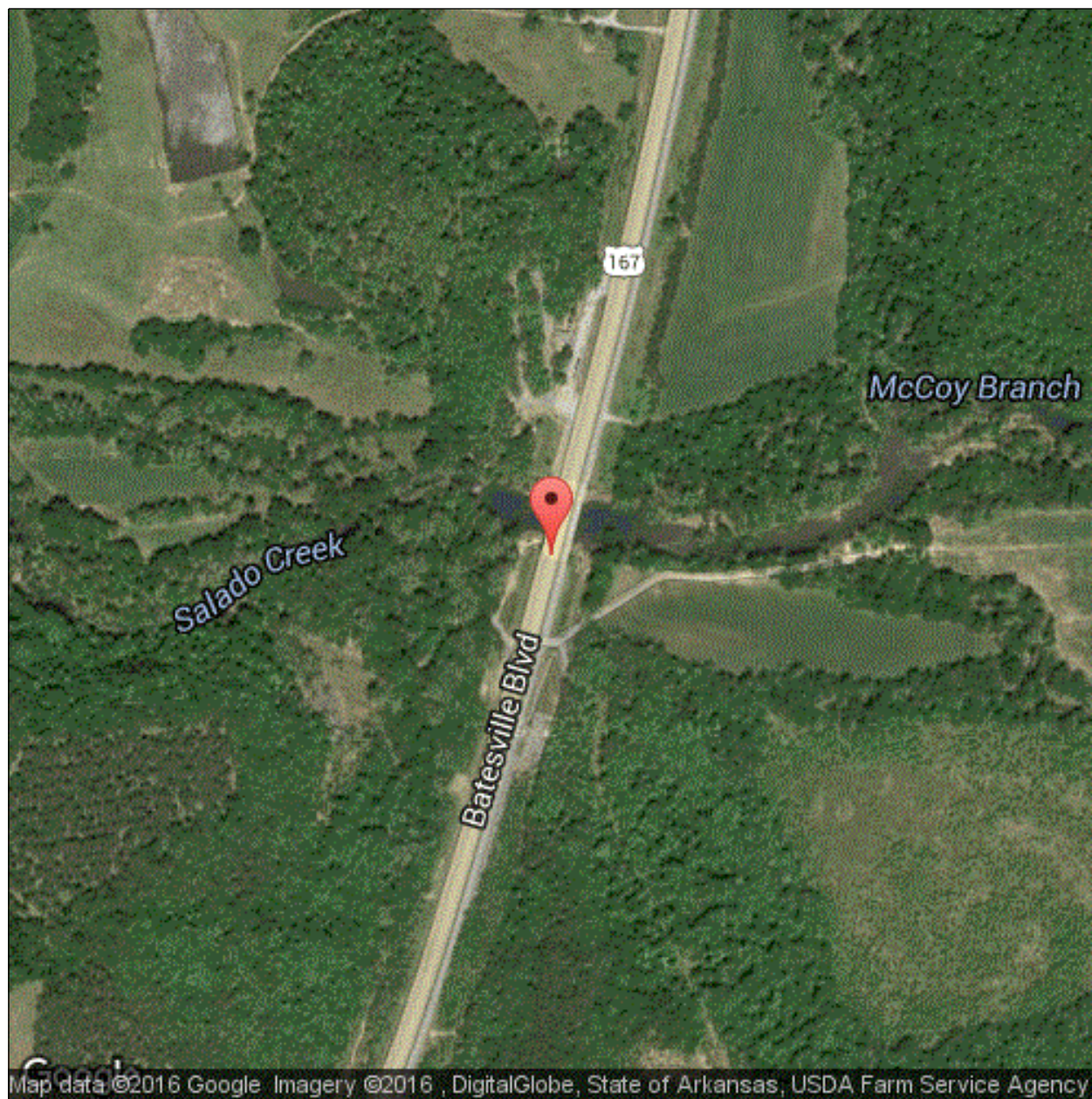
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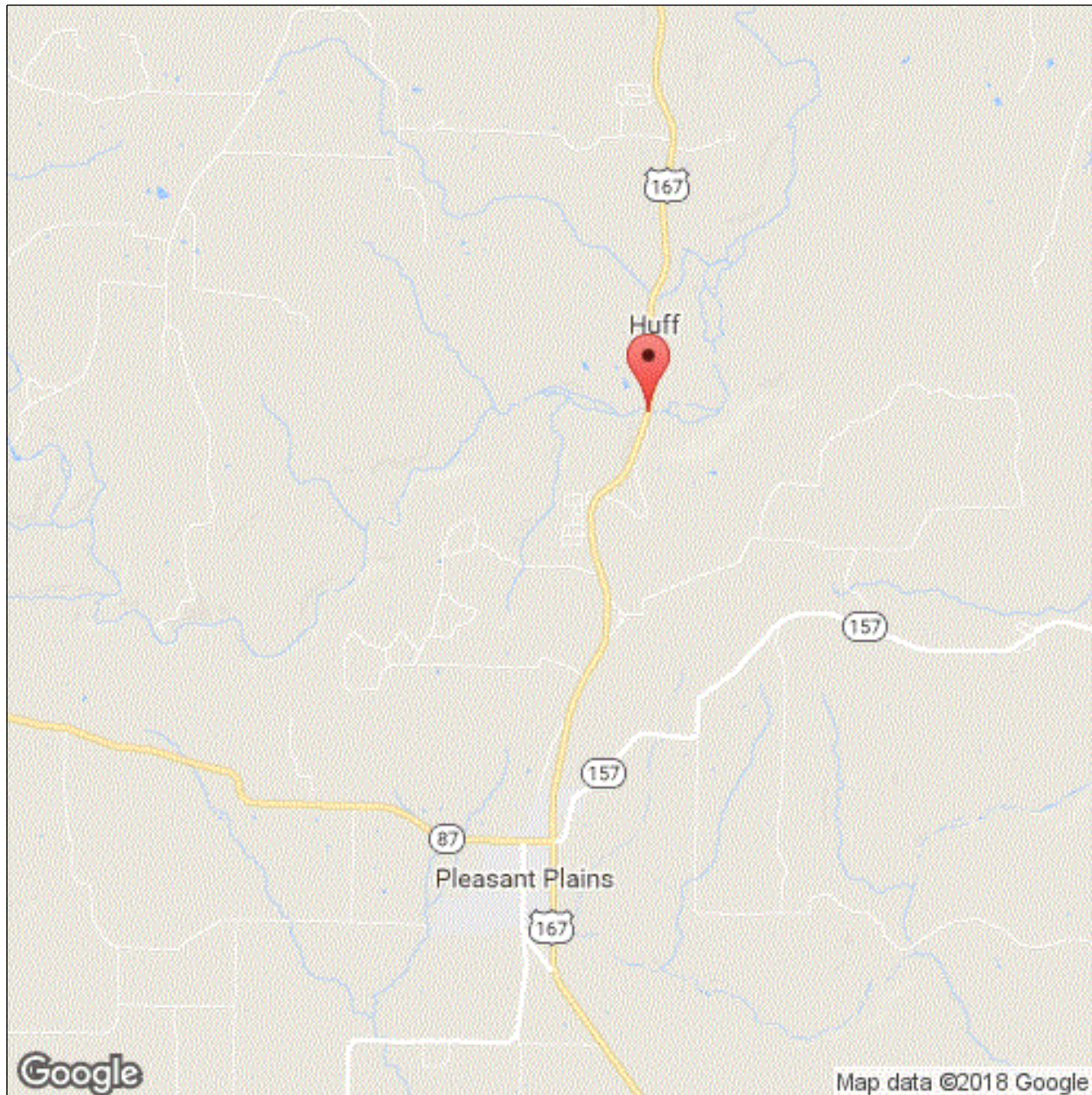
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Executive Summary

Log Mile running North.

Job #005963

01/10/2018 - Elements updated & Chnl. Prof. added this insp. KBL

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National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	01/10/2018
(8) STRUCTURE NUMBER	06810	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 167 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	05 (3) COUNTY CODE 063	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	SALADO CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 167/Indepen Co.		
(9) LOCATION	4.0 MI. N JCT. 167 & 87		
(11) MILEPOINT 6.020	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000167170 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.612333284372156	(17) LONGITUDE -91.60679137367674		
(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: 4 - Steel continuous		(59) SUPERSTRUCTURE	8
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(60) SUBSTRUCTURE	7
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	8
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 1		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 2003	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	5
(42) TYPE OF SERVICE ON 1 UNDER 5		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 04 UNDER 00		(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 7400	(19) BYPASS DETOUR LENGTH 13	(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 10		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 85	(49) STRUCTURE LENGTH (ft.) 231	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 1.4 RIGHT 1.4		(68) DECK GEOMETRY	9
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 75.1		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 78.2		(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.) 78.1		(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:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.) 75.1		36B) TRANSITIONS:	1
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	1
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING	87.3
		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.)		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02
(95) ROADWAY IMPROVEMENT COST (\$)		(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST		(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	2
		(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	1
		(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

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National Bridge Inventory

(114) FUTURE ADT 8317

(115) YEAR OF FUTURE ADT 2028

(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
12 - Reinforced Concrete Deck	1- Ben.	18064	sq. ft.	15944	2120	0	0
	Several 1/18" unsealed cracks to deck at all spans. Efflorescent cracking to Lt. & Rt. overhangs @ all spans.						
1120 - Efflorescence/Rust Staining		120			120		
1130 - Cracking (RC and Other)		2000			2000		
107 - Steel Open Girder/Beam	1- Ben.	2290	ft.	2290			
515 - Steel Protective Coating		21183	sq. ft.	21183			
205 - Reinforced Concrete Column	1- Ben.	8	each	8			
215 - Reinforced Concrete Abutment	1- Ben.	196	ft.	171	25	0	0
	12 efflorescent cracks to back wall at Abutment 1 and 10 to Abutment 2. Minor erosion to slope at Abutment 1 Embankment has settled 3"-6" down and 18" back under for 10' on the Right side of Abutment 1. Minor erosion to slope under Span 1. Embankment has settled 3" down and 12" back under for 5' on the Right side of Abutment 2.						
1120 - Efflorescence/Rust Staining		22			22		
6000 - Scour		3			3		
234 - Reinforced Concrete Pier Cap	1- Ben.	144	ft.	144			0
	1 minor spall to Right side at Bent 1 1 minor spall to Left side at Bent 2						
301 - Pourable Joint Seal	1- Ben.	1013	ft.	1007	0	0	6
	6' of pourable joint seal missing in Rt. lane.						
2330 - Seal Damage		6					6
302 - Compression Joint Seal	1- Ben.	156	ft.	153	0	3	0
	3' of joint seal cracked/torn @ Abutment 2.						
2340 - Seal Cracking		3				3	
310 - Elastomeric Bearing	1- Ben.	40	each	40			
331 - Reinforced Concrete Bridge Railing	1- Ben.	462	ft.	462			0
	Minor efflorescent cracks to parapet.						

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Pictures

PHOTO 1

Description

PHOTO 2

Description

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Bridge Inspection Report

Pictures

PHOTO 2

Description

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Bridge Inspection Report

Sketches

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Maintenance Needs

Date Reported: 01/19/2016

Priority: D - Routine

Work Code: Repair

Deficiency Description:

All spans
Several 1/8" wide unsealed cracks to deck.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Typical Deck crack.

Stage: Assigned



PHOTO 2 Description Typical Deck cracks.