

# Bridge Inspection Report

**B5936**  
**SH7 NB S-3 LM 1.34**  
**over**  
**UPRR**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

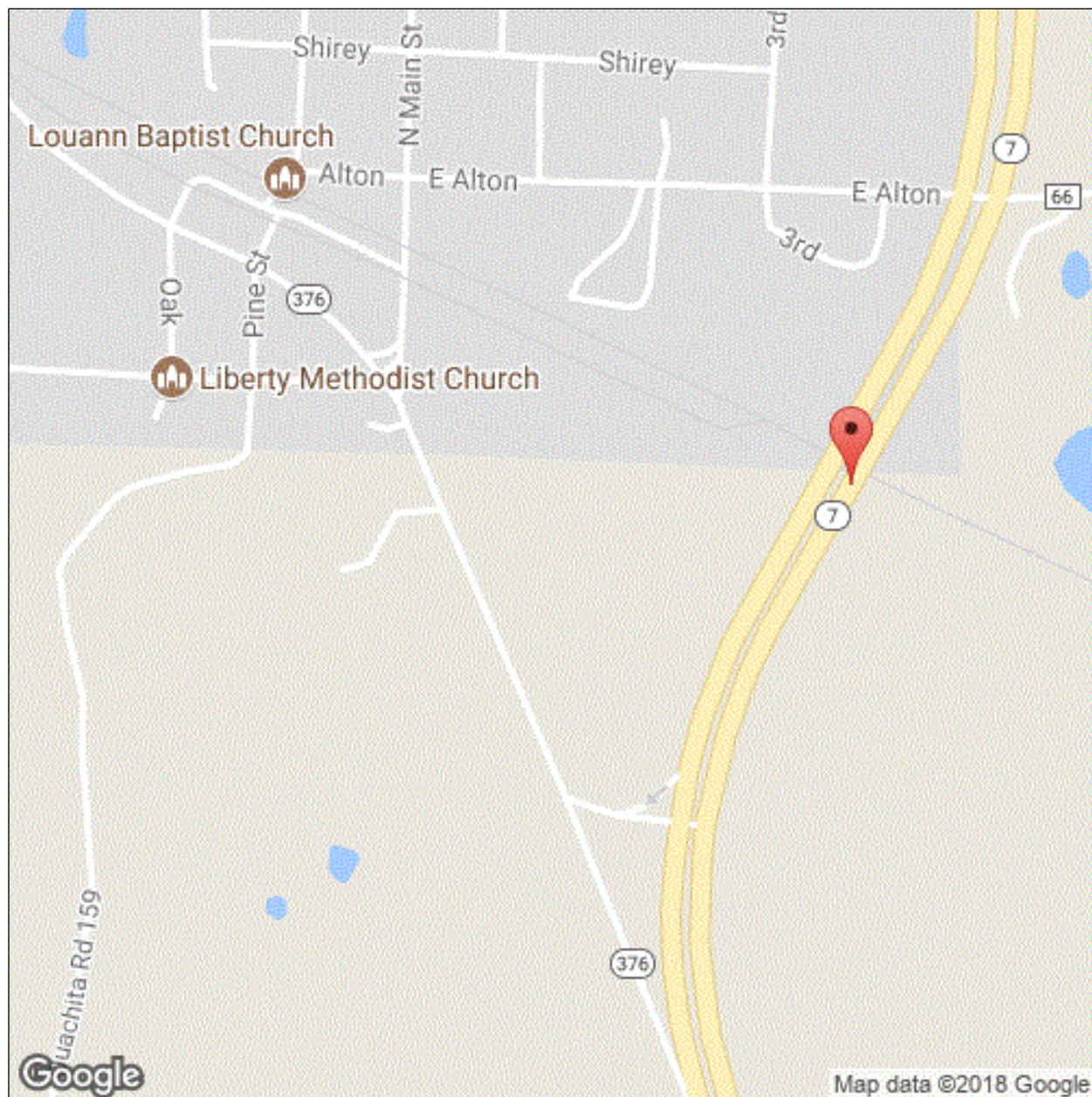
Structure Number: B5936

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Facility Carried: SH7 NB S-3 LM 1.34

## Bridge Inspection Report

### Location Map



Latitude: 33.38864

Longitude: -92.78784



Inspector:

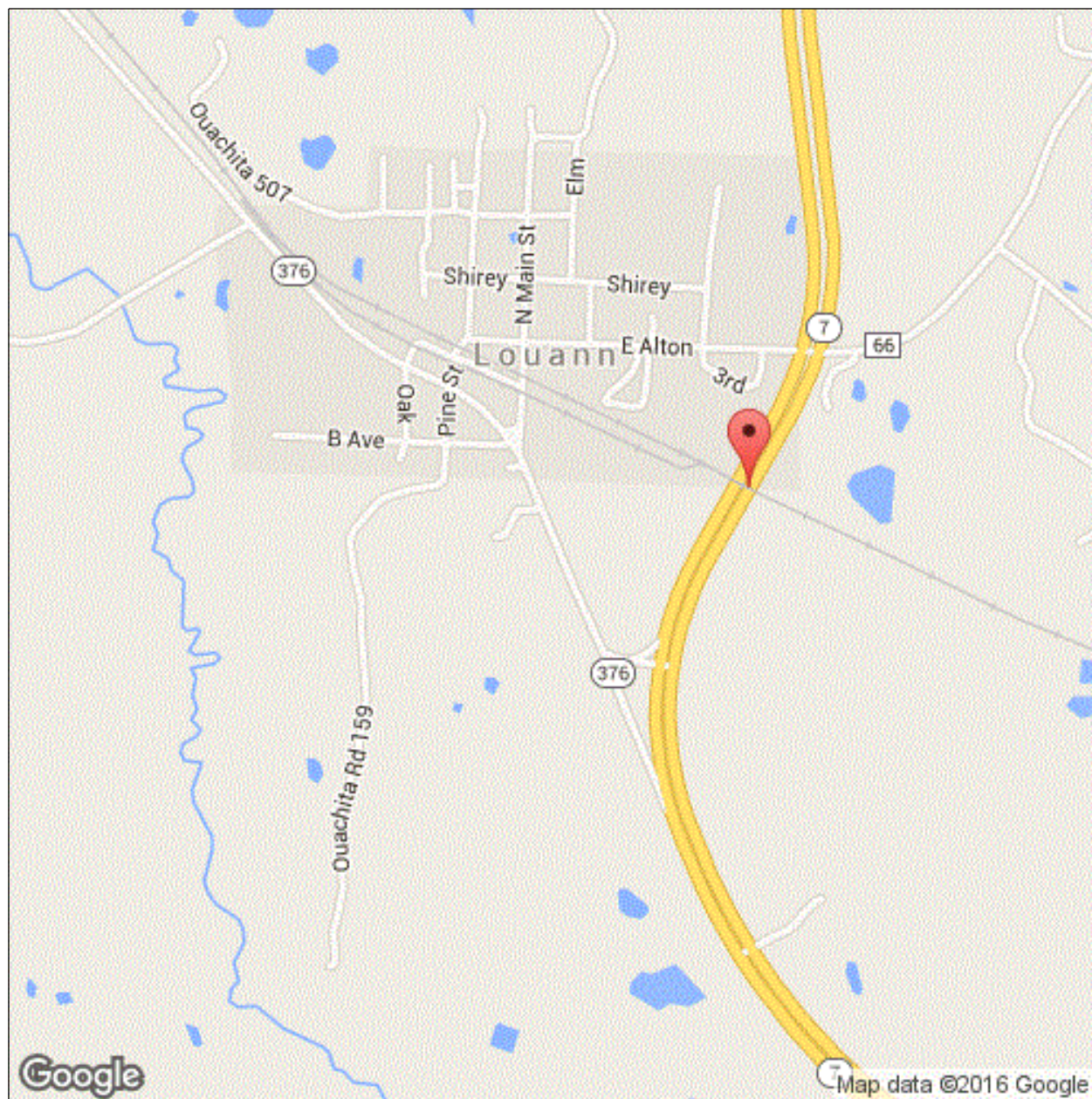
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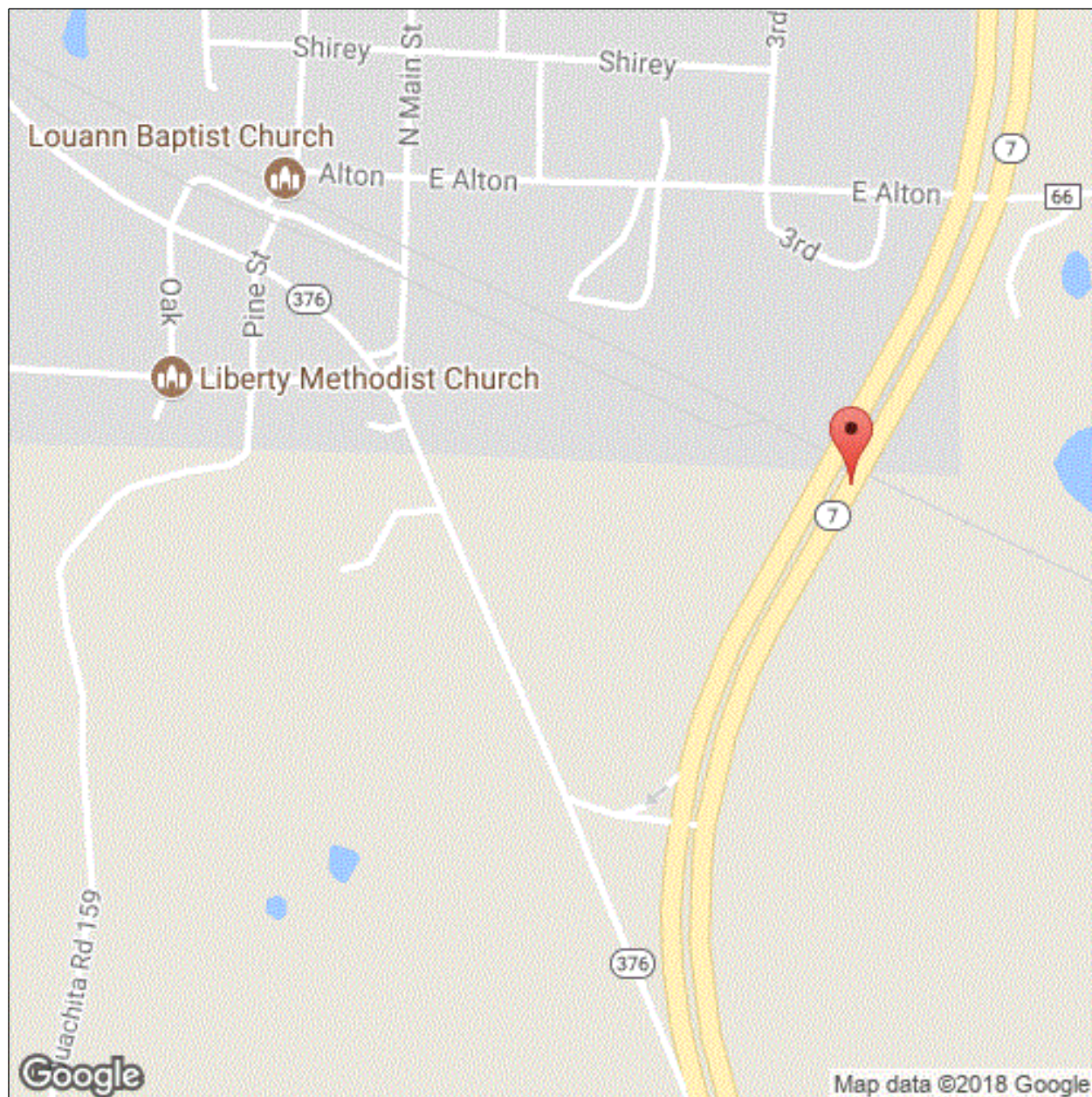
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## **Bridge Inspection Report**

### **Executive Summary**

This structure is logged from South to North.

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## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	03/12/2018
(8) STRUCTURE NUMBER	B5936	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 7 1	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	07	(3) COUNTY CODE	103
(4) PLACE CODE	00000	A. FRACTURE CRITICAL DETAIL	N
(6) FEATURES INTERSECTED	UPRR	B. UNDERWATER INSPECTION	N
(7) FACILITY CARRIED	SH7 NB S-3 LM 1.34	C. OTHER SPECIAL	N
(9) LOCATION	.25 MI N JCT SH 376		
(11) MILEPOINT	1.340	(12) BASE HIGHWAY NETWORK	1
(13A) LRS INVENTORY ROUTE	0000007030	(13B) SUBROUTE NUMBER	00
(16) LATITUDE	33.38864	(17) LONGITUDE	-92.78784
(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	8
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	N
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	1985	(106) YEAR RECONSTRUCTED	0000
(42) TYPE OF SERVICE	ON 1 UNDER 2	(31) DESIGN LOAD	5
(28) LANES	ON 02 UNDER 00	(63) METHOD USED TO DETERMINE OPERATING RATING	1
(29) AVERAGE DAILY TRAFFIC	2500	(64) OPERATING RATING	60.0
(30) YEAR OF AVERAGE DAILY TRAFFIC	2018	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(109) AVERAGE DAILY TRUCK TRAFFIC	15	(66) INVENTORY RATING	36.0
		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.)	58.0	(49) STRUCTURE LENGTH (ft.)	146.0
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(67) STRUCTURAL EVALUATION	8
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0	(68) DECK GEOMETRY	7
(52) DECK WIDTH, OUT-TO-OUT (ft.)	43.0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	6
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(71) WATERWAY ADEQUACY	N
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.7	(72) APPROACH ROADWAY ALIGNMENT	8
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(36) TRAFFIC SAFETY FEATURE	
(54) VERTICAL UNDER CLEARANCE (ft.)	R 22.24	36A) BRIDGE RAILINGS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	R 26.6	36B) TRANSITIONS:	1
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	36C) APPROACH GUARDRAIL:	1
		36D) APPROACH GUARDRAIL ENDS:	1
		(113) SCOUR CRITICAL BRIDGES	N
		SUFFICIENCY RATING	100.0
		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.)	0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02
(95) ROADWAY IMPROVEMENT COST (\$)	0	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	0	(101) PARALLEL STRUCTURE DESIGNATION	R
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	1
(114) FUTURE ADT	2800	(103) TEMP STRUCTURE	
(115) YEAR OF FUTURE ADT	2038	(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	0
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	01
		(22) OWNER	01
		(37) HISTORICAL	4
		NAVIGATION DATA	
		(38) NAVIGATION CONTROL	N
		(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
<b>12 - Reinforced Concrete Deck</b>	1- Ben.	6278	sq. ft.	1883	3915	480	0
1130 - Cracking (RC and Other)		1256			776	480	
1190 - Abrasion/Wear (PSC/RC)		3139			3139		
<b>107 - Steel Open Girder/Beam</b>	1- Ben.	876	ft.	876			
Paint is chalky, freckled rust.							
515 - Steel Protective Coating		6132	sq. ft.	0	6132	0	0
3410 - Chalking (Steel Protective Coatings)		5519			5519		
3440 - Effectiveness (Steel Protective Coatings)		613			613		
<b>205 - Reinforced Concrete Column</b>	1- Ben.	4	each	4			
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	86	ft.	86			
<b>302 - Compression Joint Seal</b>	1- Ben.	86	ft.	0	43	43	0
Loose allowing water to leak onto abutments.							
2310 - Leakage		43			43		
7000 - Damage		43				43	
<b>311 - Movable Bearing</b>	1- Ben.	12	each	9	3	0	0
1000 - Corrosion		3			3		
<b>313 - Fixed Bearing</b>	1- Ben.	12	each	9	3	0	0
1000 - Corrosion		3			3		
<b>331 - Reinforced Concrete Bridge Railing</b>	1- Ben.	292	ft.	292			



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**Pictures**

PHOTO 2

Description

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**Sketches**

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## Bridge Inspection Report

### Maintenance Needs

Date Reported: 3/24/2014 12:00:00 AM

Priority: D - Routine

Work Code:

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#### Deficiency Description:

Expansion Joint Seal is missing from Lt. of C/L right @ Abutment 1 , over bearings 3 - 5, thus allowing dirt , debris and road salts to reach the girder ends and bearings.

#### Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Stage: Monitor



PHOTO 1      Description      Joint material missing abutment 1



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**Maintenance Needs**

**Date Reported:** 03/08/2016

**Priority:** D - Routine

**Work Code:**

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**Deficiency Description:**

Paint system is chalky.

**Work Description:**

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**Date Repairs Completed:**

**Maintenance Comments:**

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