

Bridge Inspection Report

A5021
I 30, WB LNS-52.55
over
LITTLE MISSOURI RELIEF



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

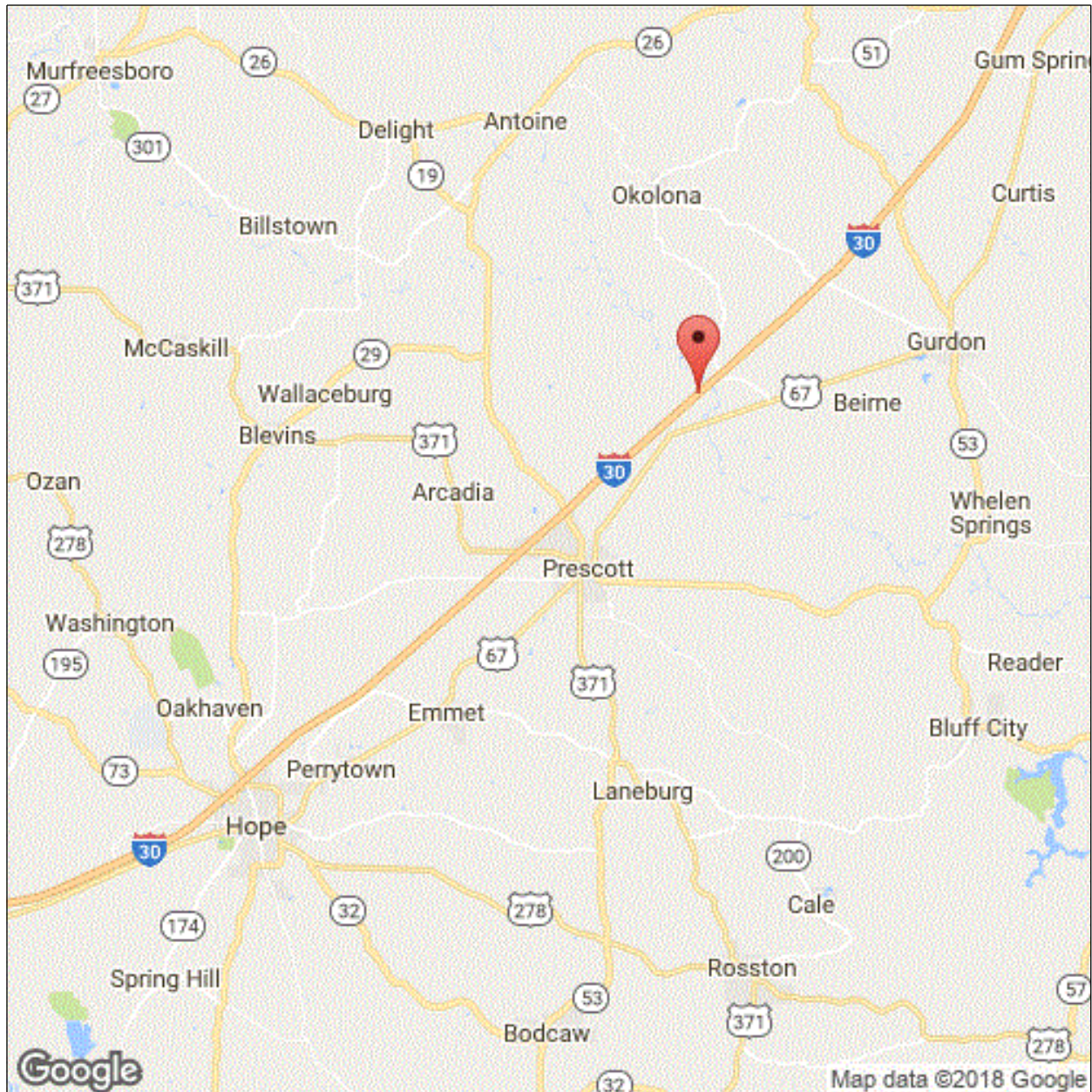
Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Location Map



Latitude: 33.89298

Longitude: -93.31129

Inspector:

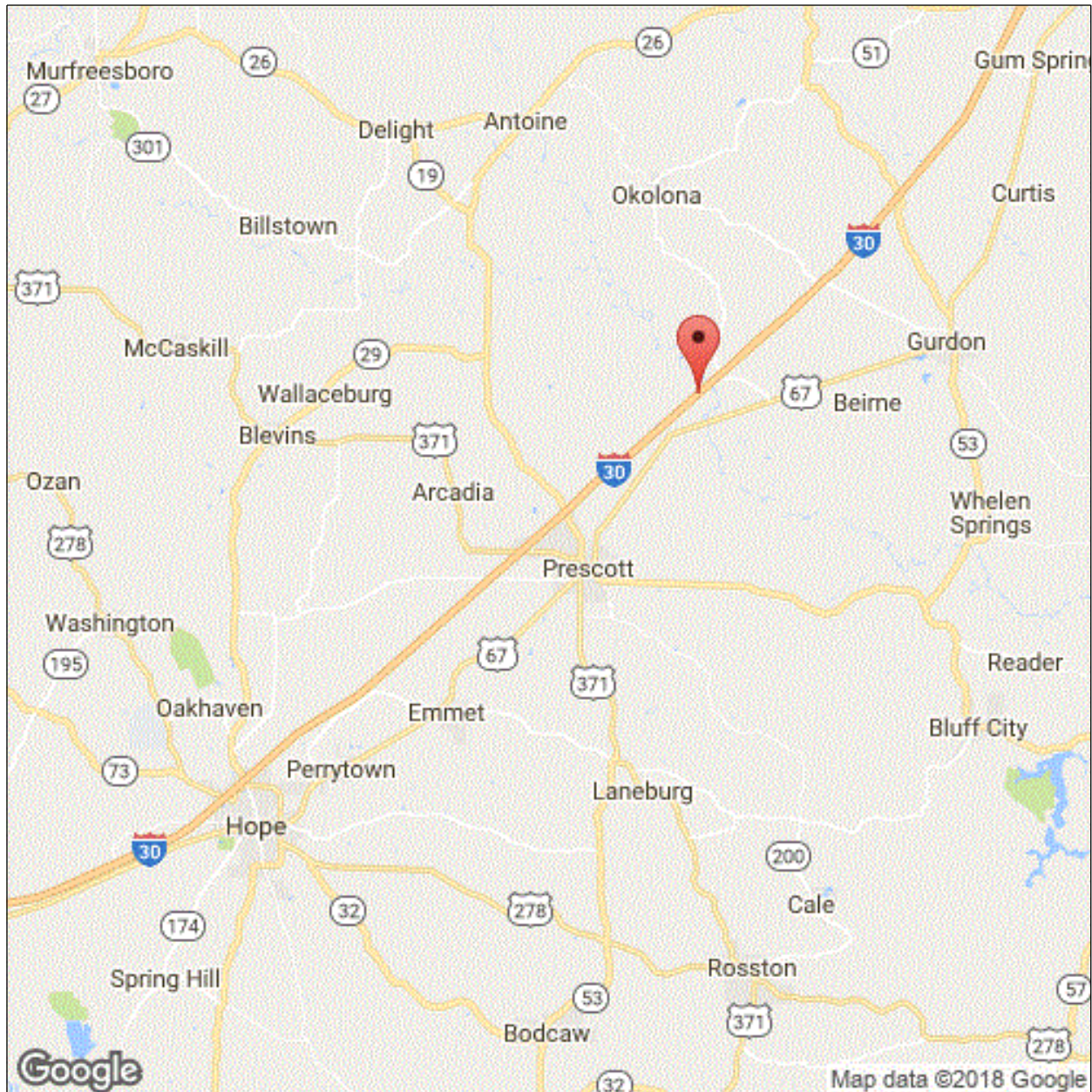
Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Location Map



Latitude: 33.89298

Longitude: -93.31129

Inspector:

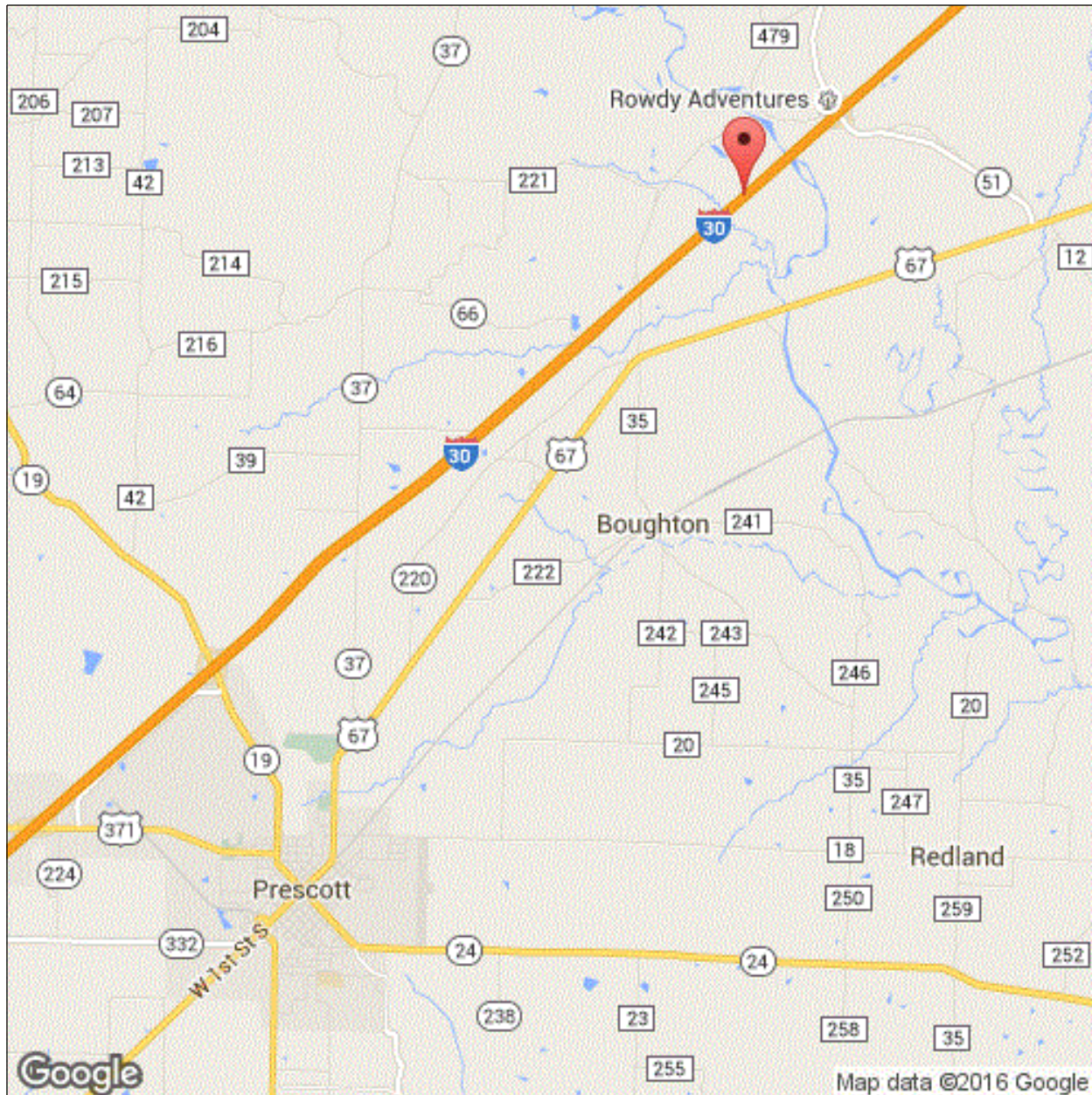
Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Location Map



Latitude: 33.89298

Longitude: -93.31129

Inspector:

Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	02/20/2018
(8) STRUCTURE NUMBER	A5021	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 1 1 30 4	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	03 (3) COUNTY CODE 099	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	LITTLE MISSOURI RELIEF	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	I 30, WB LNS-52.55		
(9) LOCATION	0.52 MI S CLARK CO LINE		
(11) MILEPOINT 52.550	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE 0000	(13B) SUBROUTE NUMBER 00		
(16) LATITUDE 33.89298	(17) LONGITUDE -93.31129		
(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 8	(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 18	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 2		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 1		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1967	(106) YEAR RECONSTRUCTED 1990	(31) DESIGN LOAD	6
(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	60.0
(29) AVERAGE DAILY TRAFFIC 43957	(19) BYPASS DETOUR LENGTH 1	(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 1		(70) BRIDGE POSTING	5
GEOMETRIC DATA		(41) STRUCTURE OPEN/POSTED/CLOSED	A
(48) LENGTH OF MAX SPAN (ft.) 30	(49) STRUCTURE LENGTH (ft.) 540		
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0			
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	43		
(32) APPROACH ROADWAY WIDTH (ft.)	40.0		
(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.)	41.3		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99		
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0		
PROPOSED IMPROVEMENTS		APPRAISAL	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(67) STRUCTURAL EVALUATION	6
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 0		(68) DECK GEOMETRY	7
(94) BRIDGE IMPROVEMENT COST (\$)	0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(95) ROADWAY IMPROVEMENT COST (\$)	0	(71) WATERWAY ADEQUACY	6
(96) TOTAL PROJECT COST	0	(72) APPROACH ROADWAY ALIGNMENT	8
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(36) TRAFFIC SAFETY FEATURE	
(114) FUTURE ADT 16327	(115) YEAR OF FUTURE ADT 2028	36A) BRIDGE RAILINGS:	1
		36B) TRANSITIONS:	1
		36C) APPROACH GUARDRAIL:	1
		36D) APPROACH GUARDRAIL ENDS:	1
		(113) SCOUR CRITICAL BRIDGES	5
		SUFFICIENCY RATING 93.9	STATUS 0
		CLASSIFICATION	
		(112) NBIS BRIDGE LENGTH	Y
		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01
		(100) STRAHNET HIGHWAY DESIGNATION	1
		(101) PARALLEL STRUCTURE DESIGNATION	L
		(102) DIRECTION OF TRAFFIC	1
		(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
		(40) NAV HORIZONTAL CLEARANCE (ft.)	0

Inspector:

Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Maintenance Needs

Date Reported: 5/10/2012 12:00:00 AM

Priority: D - Routine

Work Code: Repair

Deficiency Description:

CONC. DECK CRACKS AT ALL SPANS.
NUMEROUS SEALABLE DECK CRACKS
NOTE: SLOW LANE SEALED

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description Cracks in deck some sealed some not

Stage: Assigned



PHOTO 2 Description Cracks in deck

Inspector:

Inspection Date:

Structure Number: A5021

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Maintenance Needs

Stage: Assigned



PHOTO 3 Description Deck map cracking

Inspector:

Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Maintenance Needs

Date Reported: 02/26/2016

Priority: D - Routine

Work Code: Repair

Deficiency Description:

CONCRETE CAPS

BENT'S #3-2'X2' SPALL; PAINTED

BENT #4 5'X2.5' SPALL; PAINTED

BENT #2,5,7,10,13 MINOR SPALLS

BENT 6 2.5'X 2' SPALL W/REBAR EXPOSED 1 SPALL ON END OF CAP

BENT 16 2'X2' DELAM WEST FACE

BENT # 17-1.5'X1.5' SPALL W/REBAR EXPOSED; NOT PAINTED.

BENT # 18-5'X2' X1.5' SPALL W/REBAR EXPOSED

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description BT 18 spall on cap 6 lf

Stage: Assigned



PHOTO 2 Description BT 17 spall 2 lf

Inspector:

Inspection Date:

Structure Number: A5021

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Maintenance Needs

Stage: Assigned



PHOTO 3 Description BT 16 spall 3 LF

Stage: Assigned



PHOTO 4 Description

Stage: Assigned



PHOTO 5 Description

Inspector:

Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Maintenance Needs

Date Reported: 5/10/2012 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

CONSTRUCTION JOINTS
OVER BENTS JOINT MATERIAL IS COMING OUT OF JOINTS AT VARIOUS LOCATIONS.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description CONSTRUCTION JOINTS
OVER BENTS JOINT MATERIAL IS
COMING OUT OF JOINTS AT
VARIOUS LOCATIONS.

Stage: Assigned



PHOTO 2 Description Joints

Inspector:

Inspection Date:

Structure Number: A5021

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Maintenance Needs

Stage: Assigned



PHOTO 3	Description	CONSTRUCTION JOINTS OVER BENTS JOINT MATERIA L IS COMING OUT OF JOINTS AT VARIOUS LOCATIONS.
---------	-------------	---

Inspector:

Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Maintenance Needs

Date Reported: 02/26/2016

Priority: C - Important

Work Code: Repair

Deficiency Description:

CONCRETE DECK IS CRACKED AND SMALL SPALLS IN SLOW LANE AT BENT 11 WHITE LINE.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open

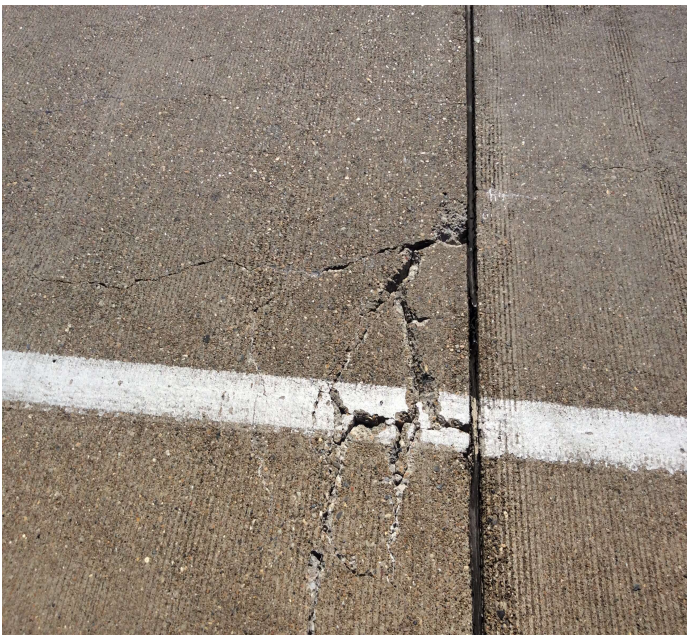


PHOTO 1 Description Deck spall in slow lane at bent # 11

Inspector:

Structure Number: A5021

Inspection Date:

Facility Carried: I 30, WB LNS-52.55

Bridge Inspection Report

Maintenance Needs

Date Reported: 02/20/2018

Priority: C - Important

Work Code:

Deficiency Description:

BEGINNING OF APPROACH ASPHALT STARTING TO POTHOLE.

Work Description:

Date Repairs Completed:

Maintenance Comments:

AMS will handle

Stage: Open



PHOTO 1 Description