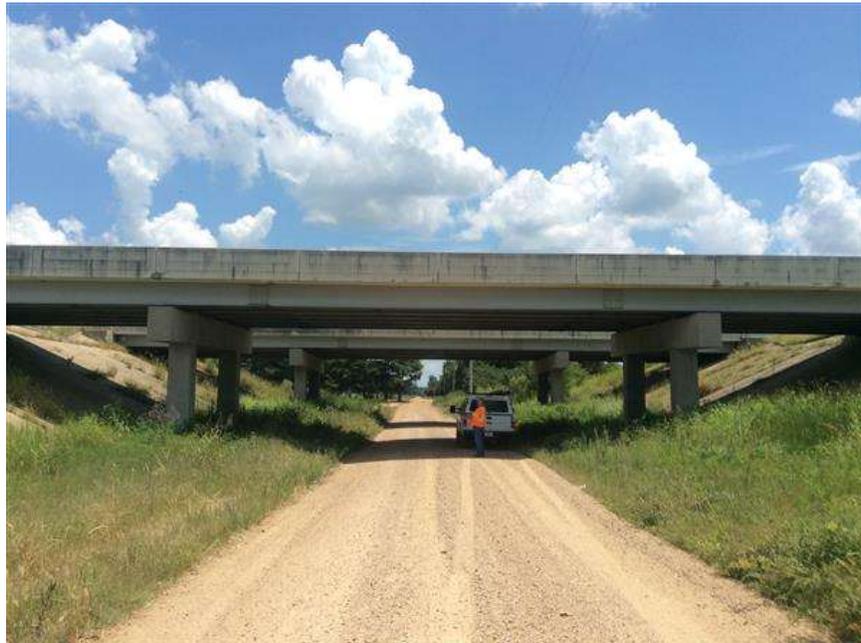


Bridge Inspection Report

A6042
I-555-02SB-LM19.13
over
CR 269-C



Inspection Date:

Inspected By:

Inspection Type(s):

TABLE OF CONTENTS

	PAGE NUMBER
LOCATION MAP	3
NATIONAL BRIDGE INVENTORY	7
ELEMENTS	9
PICTURES	10
SKETCHES	11

Inspector:

Inspection Date:

Structure Number: A6042

Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Location Map



Latitude: 35.56465
Longitude: -90.49694

Inspector:
Inspection Date:

Structure Number: A6042
Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Location Map



Latitude: 35.56465
Longitude: -90.49694

Inspector:

Inspection Date:

Structure Number: A6042

Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Executive Summary

Inspector:

Structure Number: A6042

Inspection Date:

Facility Carried: I-555-02SB-LM19.13

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION				INSPECTIONS			
(1) STATE CODE	056 - Arkansas			(90) INSPECTION DATE	07/26/2016		
(8) STRUCTURE NUMBER	A6042			(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	1	1	(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	CR 269-C			C. OTHER SPECIAL	N		
(7) FACILITY CARRIED	I-555-02SB-LM19.13			CONDITION			
(9) LOCATION	N JCT HWY 14 & PAYNEWAY			(58) DECK	7		
(11) MILEPOINT	19.13	(12) BASE HIGHWAY NETWORK	1	(59) SUPERSTRUCTURE	7	(60) SUBSTRUCTURE	7
(13A) LRS INVENTORY ROUTE	0000063080	(13B) SUBROUTE NUMBER	00	(61) CHANNEL & CHANNEL PROTECTION	N	(62) CULVERT	N
(16) LATITUDE	35.56465	(17) LONGITUDE	-90.49694	LOAD RATING AND POSTING			
(98A) BORDER BRIDGE CODE				(31) DESIGN LOAD	6		
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT			(63) METHOD USED TO DETERMINE OPERATING RATING	1		
STRUCTURE TYPE AND MATERIAL				(64) OPERATING RATING	60.0		
(43) STRUCTURE TYPE, MAIN				(65) METHOD USED TO DETERMINE INVENTORY RATING	1		
A) KIND OF MATERIAL/DESIGN:	4 - Steel continuous			(66) INVENTORY RATING	36.0		
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder			(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	7		
(45) NUMBER OF SPANS IN MAIN	3	(46) NUMBER OF APPROACH	0	(68) DECK GEOMETRY	7		
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE	1	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	7		
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION	0	(71) WATERWAY ADEQUACY	N		
AGE OF SERVICE				(72) APPROACH ROADWAY ALIGNMENT	8		
(27) YEAR BUILT	1984	(106) YEAR RECONSTRUCTED	0000	(36) TRAFFIC SAFETY FEATURE			
(42) TYPE OF SERVICE	ON 1	UNDER	1	36A) BRIDGE RAILINGS:	1		
(28) LANES	ON 02	UNDER	02	36B) TRANSITIONS:	1		
(29) AVERAGE DAILY TRAFFIC	12907	(19) BYPASS DETOUR LENGTH	1	36C) APPROACH GUARDRAIL:	1		
(30) YEAR OF AVERAGE DAILY TRAFFIC	2013			36D) APPROACH GUARDRAIL ENDS:	1		
(109) AVERAGE DAILY TRUCK TRAFFIC	1			(113) SCOUR CRITICAL BRIDGES	N		
GEOMETRIC DATA				SUFFICIENCY RATING	0	STATUS	96.8
(48) LENGTH OF MAX SPAN (ft.)	59	(49) STRUCTURE LENGTH (ft.)	137	CLASSIFICATION			
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT	0	(112) NBIS BRIDGE LENGTH	Y		
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0			(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8			(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01		
(32) APPROACH ROADWAY WIDTH (ft.)	40.0			(100) STRAHNET HIGHWAY DESIGNATION	1		
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0	(101) PARALLEL STRUCTURE DESIGNATION	R		
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	(102) DIRECTION OF TRAFFIC	1		
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.0			(103) TEMP STRUCTURE			
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99			(105) FEDERAL LANDS HIGHWAYS	0		
(54) VERTICAL UNDER CLEARANCE (ft.)	H		15.87	(110) DESIGNATED NATIONAL NETWORK	1		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	H		18	(20) TOLL	3		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0			(21) MAINTENANCE RESPONSIBILITY	01		
PROPOSED IMPROVEMENTS				(22) OWNER	01		
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY			(37) HISTORICAL	5		
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0			NAVIGATION DATA			
(94) BRIDGE IMPROVEMENT COST (\$)	0			(38) NAVIGATION CONTROL	N		
(95) ROADWAY IMPROVEMENT COST (\$)	0			(111) PIER OR ABUTMENT PROTECTION	5		
(96) TOTAL PROJECT COST	0			(39) NAV VERT CLEARANCE (ft.)	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE				(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0		
(114) FUTURE ADT	6830	(115) YEAR OF FUTURE ADT	2028	(40) NAV HORIZONTAL CLEARANCE (ft.)	0		

Inspector:
Inspection Date:

Structure Number: A6042
Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

National Bridge Inventory

UNDER RECORD 2

IDENTIFICATION

(1) STATE CODE 056 - Arkansas (7) FACILITY CARRIED I-555-02SB-LM19.13
(3) COUNTY CODE 111 (8) STRUCTURE NUMBER A6042
(4) PLACE CODE 00000 (9) LOCATION N JCT HWY 14 & PAYNEWAY
(5) INV. ROUTE (ON/UNDER) 2 4 1 269 0 (11) MILEPOINT 1.800 (12) BASE HIGHWAY NETWORK 0
(6) FEATURES INTERSECTED CR 269-C (13A) LRS INVENTORY ROUTE 0000000000 (13B) SUBROUTE NUMBER 00
(16) LATITUDE 35.56487 (17) LONGITUDE -90.49667

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE, MAIN A) KIND OF MATERIAL/DESIGN: 4 - Steel continuous
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder

AGE OF SERVICE

(19) BYPASS DETOUR LENGTH 1 (30) YEAR OF AVERAGE DAILY TRAFFIC 1986
(27) YEAR BUILT 1984 (42) TYPE OF SERVICE ON 1 UNDER 1
(28) LANES ON 02 UNDER 02 (109) AVERAGE DAILY TRUCK TRAFFIC 1
(29) AVERAGE DAILY TRAFFIC 10

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE 15.9 (48) LENGTH OF MAXIMUM SPAN 59 (49) STRUCTURE LENGTH 137
(47) TOTAL HORIZONTAL CLEARANCE 56.5

CLASSIFICATION

(20) TOLL 3 (102) DIRECTION OF TRAFFIC 2
(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE 09 (103) TEMP STRUCTURE
(100) STRAHNET HIGHWAY DESIGNATION 0 (104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE 0
(101) PARALLEL STRUCTURE DESIGNATION R (110) DESIGNATED NATIONAL NETWORK 0

Inspector:

Inspection Date:

Structure Number: A6042

Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	5868	sq. ft.	4859	1009	0	0
1120 - Efflorescence/Rust Staining		170			170		
1130 - Cracking (RC and Other)		839			839		
107 - Steel Open Girder/Beam	1- Ben.	810	ft.	810			
515 - Steel Protective Coating		7410	sq. ft.	6669	741	0	0
3440 - Effectiveness (Steel Protective Coatings)		741			741		
215 - Reinforced Concrete Abutment	1- Ben.	122	ft.	122			
227 - Reinforced Concrete Pile	1- Ben.	4	each	4			
234 - Reinforced Concrete Pier Cap	1- Ben.	79	ft.	79			
302 - Compression Joint Seal	1- Ben.	80	ft.	44	0	0	36
2310 - Leakage		36					36
310 - Elastomeric Bearing	1- Ben.	12	each	12			
311 - Movable Bearing	1- Ben.	12	each	0	12	0	0
1000 - Corrosion		12			12		
331 - Reinforced Concrete Bridge Railing	1- Ben.	274	ft.	274			

Inspector:

Inspection Date:

Structure Number: A6042

Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Pictures

Inspector:

Inspection Date:

Structure Number: A6042

Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Sketches

Inspector:
Inspection Date:

Structure Number: A6042
Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Maintenance Needs

Date Reported: 8/9/2012 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Bent 1 Compression Seal
36 ft. has fallen out.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 8/9/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Top of Deck Joints
has several areas of poured joint material separated and/or missing.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 8/9/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

All Girders
are rusted with some minor pitting.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:
Inspection Date:

Structure Number: A6042
Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Maintenance Needs

Date Reported: 8/9/2012 12:00:00 AM
Priority: G - General/ Preventive maintenance
Work Code:

Deficiency Description:
All bearings Bents 1 & 4
are rusted with pitting and/or initial section loss,
Work Description:

Date Repairs Completed:
Maintenance Comments:

Date Reported: 8/6/2014 12:00:00 AM
Priority: C - Important
Work Code:

Deficiency Description:
Bent 4 Backwall Top of Deck
has a 24ft. x 1ft. spalled area up to 3 1/2in. deep with no rebar exposed, see 2014 photo.
Work Description:

Date Repairs Completed:
Maintenance Comments:

Date Reported: 8/6/2014 12:00:00 AM
Priority: C - Important
Work Code:

Deficiency Description:
Span 2 Girder 6 Splice 1
has pack rust beginning to form on splice plates, see 2014 photo.
Work Description:

Date Repairs Completed:
Maintenance Comments:

Inspector:

Inspection Date:

Structure Number: A6042

Facility Carried: I-555-02SB-
LM19.13

Bridge Inspection Report

Maintenance Needs

Date Reported: 8/6/2014 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Bent 1 Cap
has dirt and debris on cap.

Work Description:

Date Repairs Completed:

Maintenance Comments:
