

Bridge Inspection Report

06041
SH 14-14- LM 14.61
over
I-555-SEC 02



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: 06041

Inspection Date:

Facility Carried: SH 14-14- LM 14.61

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	02/29/2016
(8) STRUCTURE NUMBER	06041	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 14 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	I-555-SEC 02	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 14-14- LM 14.61		
(9) LOCATION	JCT I-555 & SH 14		
(11) MILEPOINT 14.610	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000014140 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.54659	(17) LONGITUDE -90.49728		
(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	7 (60) SUBSTRUCTURE 8
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(61) CHANNEL & CHANNEL PROTECTION	N (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 2	(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 1984	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	6
(42) TYPE OF SERVICE ON 1 UNDER 1		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 02 UNDER 04		(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 3300	(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
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 110	(49) STRUCTURE LENGTH (ft.) 222.0	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	6
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 40.0		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	6
(52) DECK WIDTH, OUT-TO-OUT (ft.) 42.8		(71) WATERWAY ADEQUACY	N
(32) APPROACH ROADWAY WIDTH (ft.) 40.0		(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.) 41.0		36B) TRANSITIONS:	1
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	1
(54) VERTICAL UNDER CLEARANCE (ft.) H 16.67		36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) H 38.5		(113) SCOUR CRITICAL BRIDGES	N
(56) MIN LATERAL UNDER CLEARANCE (ft.) 8.6		SUFFICIENCY RATING	0 STATUS 99.7
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	06
(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 3353	(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
		(37) HISTORICAL	5
		NAVIGATION DATA	
		(38) NAVIGATION CONTROL	N
		(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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National Bridge Inventory

UNDER RECORD A

IDENTIFICATION

(1) STATE CODE	056 - Arkansas	(7) FACILITY CARRIED	SH 14-14- LM 14.61
(3) COUNTY CODE	111	(8) STRUCTURE NUMBER	06041
(4) PLACE CODE	00000	(9) LOCATION	JCT I-555 & SH 14
(5) INV. ROUTE (ON/UNDER)	A 1 1 555 3	(11) MILEPOINT	17.89 (12) BASE HIGHWAY NETWORK 1
(6) FEATURES INTERSECTED	I555-SEC 02	(13A) LRS INVENTORY ROUTE	0000063080 (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35. (17) LONGITUDE -90.4971666666667
			5465333333333

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	2014
(27) YEAR BUILT	1984	(42) TYPE OF SERVICE	ON 1 UNDER 1
(28) LANES	ON 04 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	1
(29) AVERAGE DAILY TRAFFIC	6500		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	17.3	(48) LENGTH OF MAXIMUM SPAN	110 (49) STRUCTURE LENGTH 222.0
(47) TOTAL HORIZONTAL CLEARANCE	74.1		

CLASSIFICATION

(20) TOLL	3	(102) DIRECTION OF TRAFFIC	1
(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01	(103) TEMP STRUCTURE	
(100) STRAHNET HIGHWAY DESIGNATION	1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(101) PARALLEL STRUCTURE DESIGNATION	N	(110) DESIGNATED NATIONAL NETWORK	1

UNDER RECORD B

IDENTIFICATION

(1) STATE CODE	056 - Arkansas	(7) FACILITY CARRIED	SH 14-14- LM 14.61
(3) COUNTY CODE	111	(8) STRUCTURE NUMBER	06041
(4) PLACE CODE	00000	(9) LOCATION	JCT I-555 & SH 14
(5) INV. ROUTE (ON/UNDER)	B 1 1 555 1	(11) MILEPOINT	17.89 (12) BASE HIGHWAY NETWORK 1
(6) FEATURES INTERSECTED	I-555-SEC 02	(13A) LRS INVENTORY ROUTE	0000063080 (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35. (17) LONGITUDE -90.4971666666667
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AGE OF SERVICE

(19) BYPASS DETOUR LENGTH	1	(30) YEAR OF AVERAGE DAILY TRAFFIC	2014
(27) YEAR BUILT	1984	(42) TYPE OF SERVICE	ON 1 UNDER 1
(28) LANES	ON 04 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	1
(29) AVERAGE DAILY TRAFFIC	6500		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	18.0	(48) LENGTH OF MAXIMUM SPAN	110 (49) STRUCTURE LENGTH 222.0
(47) TOTAL HORIZONTAL CLEARANCE	71.1		

CLASSIFICATION

(20) TOLL	3	(102) DIRECTION OF TRAFFIC	1
(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01	(103) TEMP STRUCTURE	
(100) STRAHNET HIGHWAY DESIGNATION	1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(101) PARALLEL STRUCTURE DESIGNATION	N	(110) DESIGNATED NATIONAL NETWORK	1

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Element Inspection

Rollup

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	9502	sq. ft.	6935	2567	0	0
1120 - Efflorescence/Rust Staining		1327		0	1327	0	0
1130 - Cracking (RC and Other)		1240		0	1240	0	0
107 - Steel Open Girder/Beam	1- Ben.	1320	ft.	0	1320	0	0
1000 - Corrosion		1320		0	1320	0	0
515 - Steel Protective Coating		15730	sq. ft.	0	15730	0	0
3440 - Effectiveness (Steel Protective Coatings)		15730		0	15730	0	0
205 - Reinforced Concrete Column	1- Ben.	2	each	2	0	0	0
215 - Reinforced Concrete Abutment	1- Ben.	209	ft.	209	0	0	0
234 - Reinforced Concrete Pier Cap	1- Ben.	41	ft.	41	0	0	0
302 - Compression Joint Seal	1- Ben.	80	ft.	40	0	0	40
2330 - Seal Damage		40		0	0	0	40
310 - Elastomeric Bearing	1- Ben.	18	each	18	0	0	0
321 - Reinforced Concrete Approach Slab	1- Ben.	2480	sq. ft.	2014	466	0	0
1130 - Cracking (RC and Other)		466		0	466	0	0
331 - Reinforced Concrete Bridge Railing	1- Ben.	444	ft.	444	0	0	0

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Element Inspection

Segment

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	9502	sq. ft.	6935	2567		0
1120 - Efflorescence/Rust Staining		1327			1327		
1130 - Cracking (RC and Other)		1240			1240		
107 - Steel Open Girder/Beam	1- Ben.	1320	ft.	0	1320		0
1000 - Corrosion		1320			1320		
515 - Steel Protective Coating		15730	sq. ft.	0	15730		0
3440 - Effectiveness (Steel Protective Coatings)		15730			15730		
205 - Reinforced Concrete Column	1- Ben.	2	each	2			
215 - Reinforced Concrete Abutment	1- Ben.	209	ft.	209			
234 - Reinforced Concrete Pier Cap	1- Ben.	41	ft.	41			
302 - Compression Joint Seal	1- Ben.	80	ft.	40			40
2330 - Seal Damage		40					40
310 - Elastomeric Bearing	1- Ben.	18	each	18			
321 - Reinforced Concrete Approach Slab	1- Ben.	2480	sq. ft.	2014	466		0
1130 - Cracking (RC and Other)		466			466		
331 - Reinforced Concrete Bridge Railing	1- Ben.	444	ft.	444			

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Element Inspection

Segment - No items available