

# Bridge Inspection Report

**03688**  
**SH26SEC5Lm.210**  
**over**  
**I-30SEC14Log69.27**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

Inspector:

Structure Number: 03688

Inspection Date:

Facility Carried: SH26SEC5Lm.210

## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	03/28/2016
(8) STRUCTURE NUMBER	03688	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 26 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY 07	(3) COUNTY CODE 019	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	I-30SEC14Log69.27	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH26SEC5Lm.210		
(9) LOCATION	JCT I-30 & SH 26		
(11) MILEPOINT 0.210	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 34.07333	(17) LONGITUDE -93.12055		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	6
A) KIND OF MATERIAL/DESIGN: 3 - Steel		(59) SUPERSTRUCTURE	7
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(60) SUBSTRUCTURE	7
(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 4	(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 1965	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	2
(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 260	(19) BYPASS DETOUR LENGTH 9	(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.) 69.0	(49) STRUCTURE LENGTH (ft.) 227.0		
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0			
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	27.9		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	33.2		
(32) APPROACH ROADWAY WIDTH (ft.)	38.1		
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 10		
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99		
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	31.2		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99		
(54) VERTICAL UNDER CLEARANCE (ft.)	H 16.04		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	H 10.5		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	28.9		
PROPOSED IMPROVEMENTS		APPRAISAL	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(67) STRUCTURAL EVALUATION	7
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 0		(68) DECK GEOMETRY	6
(94) BRIDGE IMPROVEMENT COST (\$)	0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	4
(95) ROADWAY IMPROVEMENT COST (\$)	0	(71) WATERWAY ADEQUACY	N
(96) TOTAL PROJECT COST	0	(72) APPROACH ROADWAY ALIGNMENT	8
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(36) TRAFFIC SAFETY FEATURE	
(114) FUTURE ADT 350	(115) YEAR OF FUTURE ADT 2028	36A) BRIDGE RAILINGS:	0
		36B) TRANSITIONS:	0
		36C) APPROACH GUARDRAIL:	1
		36D) APPROACH GUARDRAIL ENDS:	1
		(113) SCOUR CRITICAL BRIDGES	N
		SUFFICIENCY RATING	0
		STATUS	91.8
		CLASSIFICATION	
		(112) NBIS BRIDGE LENGTH	Y
		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	08
		(100) STRAHNET HIGHWAY DESIGNATION	0
		(101) PARALLEL STRUCTURE DESIGNATION	N
		(102) DIRECTION OF TRAFFIC	2
		(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	0
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	01
		(22) OWNER	01
		(37) HISTORICAL	5
		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

Inspector:

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## Bridge Inspection Report

## National Bridge Inventory

## UNDER RECORD A

## IDENTIFICATION

(1) STATE CODE	056 - Arkansas	(7) FACILITY CARRIED	SH 26-SEC 5
(3) COUNTY CODE	019	(8) STRUCTURE NUMBER	03688
(4) PLACE CODE	00000	(9) LOCATION	JCT I-30 & SH 26
(5) INV. ROUTE (ON/UNDER)	A 1 1 30 2	(11) MILEPOINT	69.270 (12) BASE HIGHWAY NETWORK 1
(6) FEATURES INTERSECTED	I-30 SEC 14 LOG 69.27	(13A) LRS INVENTORY ROUTE	0000030140 (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	34. (17) LONGITUDE -93.12
			0733333333333

## STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE, MAIN A) KIND OF MATERIAL/DESIGN: 3 - Steel  
 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	1965	(42) TYPE OF SERVICE	ON 1 UNDER 1
(28) LANES	ON 02 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	1
(29) AVERAGE DAILY TRAFFIC	14000		

## GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	16.0	(48) LENGTH OF MAXIMUM SPAN	69.0	(49) STRUCTURE LENGTH	227.0
(47) TOTAL HORIZONTAL CLEARANCE	63.3				

## 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

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(100) STRAHNET HIGHWAY DESIGNATION	1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
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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.	7536	sq. ft.	7036	0	500	0
<b>Note: 4' ACHM overlay on deck</b>		<b>AC OL</b> Numerous cracks, all spans both transverse and longitudinal. Pot holes and delaminated areas.					
1080 - Delamination/Spall/Patched Area		500				500	
510 - Wearing Surfaces		7636	sq. ft.	6636	500	500	0
3210 - Delamination/Spall/Patched Area/Pothole (Wearing Surfaces)		500				500	
3220 - Crack (Wearing Surface)		500			500		
<b>107 - Steel Open Girder/Beam</b>	1- Ben.	1135	ft.	1135			
Rust flecks and areas of bare metal and rust.							
515 - Steel Protective Coating		9761	sq. ft.	9611	150		
<b>205 - Reinforced Concrete Column</b>	1- Ben.	6	each	1	5	0	0
Columns 1& 2 bent 3 cracks and delaminations. ,							
1080 - Delamination/Spall/Patched Area		2			2		
1090 - Exposed Rebar		1			1		
1130 - Cracking (RC and Other)		2			2		
<b>234 - Reinforced Concrete Pier Cap</b>	1- Ben.	100	ft.	70	30	0	0
large spalled areas with exposed steel, moderate section loss cracks and delaminated are,as pier caps 2-3							
1080 - Delamination/Spall/Patched Area		10			10		
1090 - Exposed Rebar		10			10		
1130 - Cracking (RC and Other)		10			10		
<b>303 - Assembly Joint with Seal</b>	1- Ben.	166	ft.	166			
<b>311 - Movable Bearing</b>	1- Ben.	10	each	10			
<b>313 - Fixed Bearing</b>	1- Ben.	30	each	30			
<b>330 - Metal Bridge Railing</b>	1- Ben.	454	ft.	454			