

Bridge Inspection Report

06432

SH 384/Jackson Co.

over

US 67



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: 06432

Inspection Date:

Facility Carried: SH 384/Jackson Co.

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	07/15/2015
(8) STRUCTURE NUMBER	06432	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 384 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	05 (3) COUNTY CODE 067	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	47400	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	US 67	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 384/Jackson Co.		
(9) LOCATION	JCT SH 384 & US 67		
(11) MILEPOINT 0.680	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.	(17) LONGITUDE -91.23985197107004		
	60788027034042		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	8
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	4 (46) NUMBER OF APPROACH	LOAD RATING AND POSTING	
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE		
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION		
	1		
AGE OF SERVICE			
(27) YEAR BUILT	1993 (106) YEAR RECONSTRUCTED		
(42) TYPE OF SERVICE	ON 1 UNDER 1		
(28) LANES	ON 02 UNDER 04		
(29) AVERAGE DAILY TRAFFIC	5200 (19) BYPASS DETOUR LENGTH		
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014		
(109) AVERAGE DAILY TRUCK TRAFFIC	1		
GEOMETRIC DATA			
(48) LENGTH OF MAX SPAN (ft.)	87 (49) STRUCTURE LENGTH (ft.)		
(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.)	42.8		
(32) APPROACH ROADWAY WIDTH (ft.)	51.8		
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)		
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)		
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	84.0		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99		
(54) VERTICAL UNDER CLEARANCE (ft.)	H 16.75		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	H 30.8		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	28.9		
PROPOSED IMPROVEMENTS			
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY		
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0		
(94) BRIDGE IMPROVEMENT COST (\$)	0		
(95) ROADWAY IMPROVEMENT COST (\$)	0		
(96) TOTAL PROJECT COST	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(114) FUTURE ADT	3362 (115) YEAR OF FUTURE ADT		
	2028		
		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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National Bridge Inventory

UNDER RECORD A

IDENTIFICATION

(1) STATE CODE	056 - Arkansas	(7) FACILITY CARRIED	SH 384 SEC 03
(3) COUNTY CODE	067	(8) STRUCTURE NUMBER	06432
(4) PLACE CODE	47400	(9) LOCATION	JCT SH 384 & US 67
(5) INV. ROUTE (ON/UNDER)	A 2 1 67 3	(11) MILEPOINT	1.090 (12) BASE HIGHWAY NETWORK 1
(6) FEATURES INTERSECTED	US 67	(13A) LRS INVENTORY ROUTE	0000067150 (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35. (17) LONGITUDE -91.2391666666667
			6077777777778

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	0	(30) YEAR OF AVERAGE DAILY TRAFFIC	2014
(27) YEAR BUILT	1993	(42) TYPE OF SERVICE	ON 1 UNDER 1
(28) LANES	ON 02 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	1
(29) AVERAGE DAILY TRAFFIC	4450		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	18.0	(48) LENGTH OF MAXIMUM SPAN	87	(49) STRUCTURE LENGTH	308
(47) TOTAL HORIZONTAL CLEARANCE	84.0				

CLASSIFICATION

(20) TOLL	3	(102) DIRECTION OF TRAFFIC	1
(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02	(103) TEMP STRUCTURE	
(100) STRAHNET HIGHWAY DESIGNATION	0	(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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(3) COUNTY CODE	067	(8) STRUCTURE NUMBER	06432
(4) PLACE CODE	47400	(9) LOCATION	JCT SH 384 & US 67
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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	13182	sq. ft.	12994	188	0	0
	Few unsealed cracks to Deck at all Spans. Efflorescent cracks to the overhangs.						
1120 - Efflorescence/Rust Staining		78			78		
1130 - Cracking (RC and Other)		110			110		
107 - Steel Open Girder/Beam	1- Ben.	1836	ft.	1836			
	Few minor areas of paint peeling.						
515 - Steel Protective Coating		16212	sq. ft.	16202	10	0	0
3420 - Peeling/Bubbling/Cracking (Steel Protective Coatings)		10			10		
215 - Reinforced Concrete Abutment	1- Ben.	126	ft.	59	67	0	0
	Abutments 1 & 2 have minor vertical efflorescent cracks. Erosion under concrete rip rap at Abutments 1 & 2 with large soil deposits at toe of slope.						
1120 - Efflorescence/Rust Staining		7			7		
6000 - Scour		60			60		
234 - Reinforced Concrete Pier Cap	1- Ben.	128	ft.	128			
301 - Pourable Joint Seal	1- Ben.	360	ft.	360			
302 - Compression Joint Seal	1- Ben.	86	ft.	10	76	0	0
	Seals at Abutments 1 & 2 are losing adhesion and have debris build up.						
2320 - Seal Adhesion		30			30		
2350 - Debris Impaction		46			46		
310 - Elastomeric Bearing	1- Ben.	24	each	24			
321 - Reinforced Concrete Approach Slab	1- Ben.	2800	sq. ft.	2625	175	0	0
	Unsealed cracks to Approach Slabs at Abutments 1 & 2.						
1130 - Cracking (RC and Other)		175			175		
331 - Reinforced Concrete Bridge Railing	1- Ben.	616	ft.	460	156	0	0
	Parapet walls have several minor vertical efflorescent cracks at all Spans. Spall with exposed rebar to Parapet at Span 4 left.						
1090 - Exposed Rebar		1			1		
1130 - Cracking (RC and Other)		155			155		