

Inspector:

Structure Number: 06642

Inspection Date:

Facility Carried: SH 19 S-1 LM 16.20

## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	07/27/2015
(8) STRUCTURE NUMBER	06642	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 19 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	07 (3) COUNTY CODE 027	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Nations Creek	C. OTHER SPECIAL	Y 48 07/27/2015
(7) FACILITY CARRIED	SH 19 S-1 LM 16.20	<b>CONDITION</b>	
(9) LOCATION	2.0 M SW OF JCT US 79	(58) DECK	8
(11) MILEPOINT 16.197	(12) BASE HIGHWAY NETWORK 0	(59) SUPERSTRUCTURE	8 (60) SUBSTRUCTURE 8
(13A) LRS INVENTORY ROUTE 0000000000	(13B) SUBROUTE NUMBER 00	(61) CHANNEL & CHANNEL PROTECTION	8 (62) CULVERT N
(16) LATITUDE 33.23752	(17) LONGITUDE -93.25100	<b>LOAD RATING AND POSTING</b>	
(98A) BORDER BRIDGE CODE		(31) DESIGN LOAD	5
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(83) METHOD USED TO DETERMINE OPERATING RATING	1
<b>STRUCTURE TYPE AND MATERIAL</b>		(64) OPERATING RATING	60.0
(43) STRUCTURE TYPE, MAIN		(85) METHOD USED TO DETERMINE INVENTORY RATING	1
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(86) INVENTORY RATING	36.0
B) TYPE OF DESIGN/CONSTR:	04 - Tee Beam	(70) BRIDGE POSTING	5
(44) STRUCTURE TYPE, APPROACH SPANS		(41) STRUCTURE OPEN/POSTED/CLOSED	A
A) KIND OF MATERIAL/DESIGN:	0 - Other	<b>APPRAISAL</b>	
B) TYPE OF DESIGN/CONSTR:	00 - Other	(87) STRUCTURAL EVALUATION	8
(45) NUMBER OF SPANS IN MAIN 6	(46) NUMBER OF APPROACH 0	(88) DECK GEOMETRY	5
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 1	(89) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 9	(71) WATERWAY ADEQUACY	7
<b>AGE OF SERVICE</b>		(72) APPROACH ROADWAY ALIGNMENT	7
(27) YEAR BUILT 1997	(106) YEAR RECONSTRUCTED 0000	(36) TRAFFIC SAFETY FEATURE	
(42) TYPE OF SERVICE ON 1 UNDER 5		36A) BRIDGE RAILINGS:	1
(28) LANES ON 02 UNDER 00		36B) TRANSITIONS:	1
(29) AVERAGE DAILY TRAFFIC 1900	(19) BYPASS DETOUR LENGTH 7	36C) APPROACH GUARDRAIL:	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		36D) APPROACH GUARDRAIL ENDS:	1
(109) AVERAGE DAILY TRUCK TRAFFIC 12		(113) SCOUR CRITICAL BRIDGES	5
<b>GEOMETRIC DATA</b>		SUFFICIENCY RATING	0 STATUS 93.0
(48) LENGTH OF MAX SPAN (ft.) 25	(49) STRUCTURE LENGTH (ft.) 150	<b>CLASSIFICATION</b>	
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(112) NBIS BRIDGE LENGTH	Y
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	32.0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	34.8	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(100) STRAHNET HIGHWAY DESIGNATION	0
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 0	(101) PARALLEL STRUCTURE DESIGNATION	N
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	(102) DIRECTION OF TRAFFIC	2
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	32.8	(103) TEMP STRUCTURE	
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(105) FEDERAL LANDS HIGHWAYS	0
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(110) DESIGNATED NATIONAL NETWORK	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(20) TOLL	3
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(21) MAINTENANCE RESPONSIBILITY	01
<b>PROPOSED IMPROVEMENTS</b>		(22) OWNER	01
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(37) HISTORICAL	5
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0	<b>NAVIGATION DATA</b>	
(94) BRIDGE IMPROVEMENT COST (\$)	0	(38) NAVIGATION CONTROL	0
(95) ROADWAY IMPROVEMENT COST (\$)	0	(111) PIER OR ABUTMENT PROTECTION	1
(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 2523	(115) YEAR OF FUTURE ADT 2028	(40) NAV HORIZONTAL CLEARANCE (ft.)	0

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## Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>16 - Reinforced Concrete Top Flange</b>	1- Ben.	5220	sq. ft.	5160	60	0	0
1130 - Cracking (RC and Other)		60			60		
<b>110 - Reinforced Concrete Open Girder/Beam</b>	1- Ben.	600	ft.	600			
<b>227 - Reinforced Concrete Pile</b>	1- Ben.	20	each	20			
<b>234 - Reinforced Concrete Pier Cap</b>	1- Ben.	244	ft.	242	2	0	0
	Bt. 5 back, @ Girder 3, 2' spall under key way.						
1080 - Delamination/Spall/Patched Area		2			2		
<b>301 - Pourable Joint Seal</b>	1- Ben.	174	ft.	0	174	0	0
2320 - Seal Adhesion		174			174		
<b>331 - Reinforced Concrete Bridge Railing</b>	1- Ben.	300	ft.	300			