

Inspector:

Structure Number: X0096

Inspection Date:

Facility Carried: SH 5 WHITE

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	12/08/2015
(8) STRUCTURE NUMBER	X0096	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 5 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	05	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 5 WHITE	CONDITION	
(9) LOCATION	1.3 MI N US 64	(58) DECK	N
(11) MILEPOINT	1.269	(59) SUPERSTRUCTURE	N
(12) BASE HIGHWAY NETWORK	1	(60) SUBSTRUCTURE	N
(13A) LRS INVENTORY ROUTE	0000005140	(61) CHANNEL & CHANNEL PROTECTION	6
(13B) SUBROUTE NUMBER	00	(62) CULVERT	7
(16) LATITUDE	35.12592	LOAD RATING AND POSTING	
(17) LONGITUDE	-92.09732	(31) DESIGN LOAD	4
(98A) BORDER BRIDGE CODE		(83) METHOD USED TO DETERMINE OPERATING RATING	1
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(64) OPERATING RATING	35
STRUCTURE TYPE AND MATERIAL		(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(43) STRUCTURE TYPE, MAIN		(66) INVENTORY RATING	21
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(70) BRIDGE POSTING	5
B) TYPE OF DESIGN/CONSTR:	19 - Culvert (includes frame culverts)	(41) STRUCTURE OPEN/POSTED/CLOSED	A
(44) STRUCTURE TYPE, APPROACH SPANS		APPRAISAL	
A) KIND OF MATERIAL/DESIGN:	0 - Other	(87) STRUCTURAL EVALUATION	4
B) TYPE OF DESIGN/CONSTR:	00 - Other	(88) DECK GEOMETRY	N
(45) NUMBER OF SPANS IN MAIN	3	(89) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(46) NUMBER OF APPROACH	0	(71) WATERWAY ADEQUACY	8
(107) DECK STRUCTURE TYPE	N	(72) APPROACH ROADWAY ALIGNMENT	7
(108A) WEARING SURFACE	N	(36) TRAFFIC SAFETY FEATURE	
(108B) DECK MEMBRANE	N	36A) BRIDGE RAILINGS:	0
(108C) DECK PROTECTION	N	36B) TRANSITIONS:	0
AGE OF SERVICE		36C) APPROACH GUARDRAIL:	0
(27) YEAR BUILT	1966	36D) APPROACH GUARDRAIL ENDS:	0
(106) YEAR RECONSTRUCTED	0000	(113) SCOUR CRITICAL BRIDGES	8
(42) TYPE OF SERVICE	ON 1 UNDER 5	SUFFICIENCY RATING	0
(28) LANES	ON 02 UNDER 00	STATUS	65.3
(29) AVERAGE DAILY TRAFFIC	5900	CLASSIFICATION	
(19) BYPASS DETOUR LENGTH	24	(112) NBIS BRIDGE LENGTH	Y
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(109) AVERAGE DAILY TRUCK TRAFFIC	1	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
GEOMETRIC DATA		(100) STRAHNET HIGHWAY DESIGNATION	0
(48) LENGTH OF MAX SPAN (ft.)	6	(101) PARALLEL STRUCTURE DESIGNATION	N
(49) STRUCTURE LENGTH (ft.)	28	(102) DIRECTION OF TRAFFIC	2
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(103) TEMP STRUCTURE	
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	0.0	(105) FEDERAL LANDS HIGHWAYS	0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	0	(110) DESIGNATED NATIONAL NETWORK	0
(32) APPROACH ROADWAY WIDTH (ft.)	39.0	(20) TOLL	3
(33) BRIDGE MEDIAN	0	(21) MAINTENANCE RESPONSIBILITY	01
(34) SKEW (DEG.)	45	(22) OWNER	01
(35) STRUCTURE FLARED	0	(37) HISTORICAL	5
(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	NAVIGATION DATA	
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	99.9	(38) NAVIGATION CONTROL	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(111) PIER OR ABUTMENT PROTECTION	1
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(39) NAV VERT CLEARANCE (ft.)	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(40) NAV HORIZONTAL CLEARANCE (ft.)	0
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	6776		
(115) YEAR OF FUTURE ADT	2028		

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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
241 - Reinforced Concrete Culvert	1- Ben.	240	ft.	229	11	0	0
	Span 1 - 7 efflorescent cracks, 2 with light rust stains to deck below. Span 2 - 5 efflorescent cracks, 2 with light rust stains to deck below. Span 3 - 1 efflorescent crack to deck below. Barrel 3 has sediment & vegetation @ inlet end. 2' sediment in Barrel 3. Heavy Vegetation @ Outlet end. Abutment 1 - Left wing separated from abutment. Abutment 2 - Spall with 4" rebar exposed to right end of abutment. 1.5' scour @ Left side of barrels 1 & 2.						
1120 - Efflorescence/Rust Staining		11			11		