

Bridge Inspection Report

05495
SH 133-01 LM 10.51
over
Mill Creek



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: 05495

Inspection Date:

Facility Carried: SH 133-01 LM
10.51

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	04/12/2017
(8) STRUCTURE NUMBER	05495	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 133 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02 (3) COUNTY CODE 003	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Mill Creek	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 133-01 LM 10.51	CONDITION	
(9) LOCATION	10.5 Mi N US 82, Crossett	(58) DECK	7
(11) MILEPOINT 10.510 (12) BASE HIGHWAY NETWORK 0		(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 7
(13A) LRS INVENTORY ROUTE 0000000000 (13B) SUBROUTE NUMBER 00		(61) CHANNEL & CHANNEL PROTECTION	7 (62) CULVERT N
(16) LATITUDE 33. (17) LONGITUDE -91.9249568164185 27838311381985		LOAD RATING AND POSTING	
(98A) BORDER BRIDGE CODE		(31) DESIGN LOAD	5
PERCENT RESPONSIBILITY (99) BORDER BRIDGE STRUCT		(63) METHOD USED TO DETERMINE OPERATING RATING	1
STRUCTURE TYPE AND MATERIAL		(64) OPERATING RATING	60.0
(43) STRUCTURE TYPE, MAIN		(65) METHOD USED TO DETERMINE INVENTORY RATING	1
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(66) INVENTORY RATING	36.0
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(70) BRIDGE POSTING	5
(44) STRUCTURE TYPE, APPROACH SPANS		(41) STRUCTURE OPEN/POSTED/CLOSED	A
A) KIND OF MATERIAL/DESIGN: 0 - Other		APPRAISAL	
B) TYPE OF DESIGN/CONSTR: 00 - Other		(67) STRUCTURAL EVALUATION	7
(45) NUMBER OF SPANS IN MAIN 3 (46) NUMBER OF APPROACH 0		(68) DECK GEOMETRY	4
(107) DECK STRUCTURE TYPE 1 (108A) WEARING SURFACE 6		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108B) DECK MEMBRANE 0 (108C) DECK PROTECTION 0		(71) WATERWAY ADEQUACY	8
AGE OF SERVICE		(72) APPROACH ROADWAY ALIGNMENT	7
(27) YEAR BUILT 1973 (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:	0
(29) AVERAGE DAILY TRAFFIC 3100 (19) BYPASS DETOUR LENGTH 30		36C) APPROACH GUARDRAIL:	0
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		36D) APPROACH GUARDRAIL ENDS:	1
(109) AVERAGE DAILY TRUCK TRAFFIC 1		(113) SCOUR CRITICAL BRIDGES	7
GEOMETRIC DATA		SUFFICIENCY RATING	0 STATUS 73.2
(48) LENGTH OF MAX SPAN (ft.) 35 (49) STRUCTURE LENGTH (ft.) 105		CLASSIFICATION	
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(112) NBIS BRIDGE LENGTH	Y
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 27.9		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(52) DECK WIDTH, OUT-TO-OUT (ft.) 30.8		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(32) APPROACH ROADWAY WIDTH (ft.) 34.1		(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.) 29.2		(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
PROPOSED IMPROVEMENTS		(22) OWNER	01
(75A) TYPE OF WORK PROPOSED (75B) WORK DONE BY		(37) HISTORICAL	5
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 0		NAVIGATION DATA	
(94) BRIDGE IMPROVEMENT COST (\$) 0		(38) NAVIGATION CONTROL	0
(95) ROADWAY IMPROVEMENT COST (\$) 0		(111) PIER OR ABUTMENT PROTECTION	5
(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 3743 (115) YEAR OF FUTURE ADT 2027		(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
38 - Reinforced Concrete Slab	1- Ben.	3234	sq. ft.	3234			
Deck: 30.8' by 105' Asphalt overlay with 6 inches from wall to wall.							
510 - Wearing Surfaces		2888	sq. ft.	2888			
215 - Reinforced Concrete Abutment	1- Ben.	64	ft.	64			
Abutments 32' each bents 1 & 4. Some minor staining.							
227 - Reinforced Concrete Pile	1- Ben.	10	each	10			
Pile: 5 each per bents 2-3							
234 - Reinforced Concrete Pier Cap	1- Ben.	62	ft.	60	2		
Caps: 31' each bents 2-3 Bent 3 ahead has a vertical crack right of center line.							
331 - Reinforced Concrete Bridge Railing	1- Ben.	210	ft.	210			
Railing: 105' each side Some collision damage on right side, top of wall at abutment 4.							