

Bridge Inspection Report

M0796
SH35 S4 Lm6.35
over
DERISAUX RELIEF



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: M0796

Inspection Date:

Facility Carried: SH35 S4 Lm6.35

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	06/22/2016
(8) STRUCTURE NUMBER	M0796	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 35 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	07 (3) COUNTY CODE 025	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	DERISAUX RELIEF	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH35 S4 Lm6.35		
(9) LOCATION	3.39 MI W JCT US 79		
(11) MILEPOINT 6.350	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 33.97801	(17) LONGITUDE -92.25271		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	7
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(59) SUPERSTRUCTURE	6 (60) SUBSTRUCTURE 7
B) TYPE OF DESIGN/CONSTR: 22 - Channel Beam		(61) CHANNEL & CHANNEL PROTECTION	7 (62) CULVERT N
(44) STRUCTURE TYPE, APPROACH SPANS			
A) KIND OF MATERIAL/DESIGN: 0 - Other			
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN	4 (46) NUMBER OF APPROACH	0	
(107) DECK STRUCTURE TYPE	2 (108A) WEARING SURFACE	6	
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	0	
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1956 (106) YEAR RECONSTRUCTED	0000	
(42) TYPE OF SERVICE	ON 1 UNDER 5	(31) DESIGN LOAD 2	
(28) LANES	ON 02 UNDER 00	(63) METHOD USED TO DETERMINE OPERATING RATING	
(29) AVERAGE DAILY TRAFFIC	630 (19) BYPASS DETOUR LENGTH	4	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(64) OPERATING RATING 60.0	
(109) AVERAGE DAILY TRUCK TRAFFIC	1	(65) METHOD USED TO DETERMINE INVENTORY RATING	
		1	
		(66) INVENTORY RATING 36.0	
		(70) BRIDGE POSTING 5	
		(41) STRUCTURE OPEN/POSTED/CLOSED A	
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.)	19 (49) STRUCTURE LENGTH (ft.)	6	
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0.6 RIGHT 0.6	(67) STRUCTURAL EVALUATION	
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	23.3	(68) DECK GEOMETRY 4	
(52) DECK WIDTH, OUT-TO-OUT (ft.)	25.3	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N	
(32) APPROACH ROADWAY WIDTH (ft.)	22.0	(71) WATERWAY ADEQUACY 8	
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 0	(72) APPROACH ROADWAY ALIGNMENT 8	
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	25.6	(36) TRAFFIC SAFETY FEATURE	
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	36A) BRIDGE RAILINGS: 0	
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	36B) TRANSITIONS: 0	
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	36C) APPROACH GUARDRAIL: 0	
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	36D) APPROACH GUARDRAIL ENDS: 0	
PROPOSED IMPROVEMENTS		(113) SCOUR CRITICAL BRIDGES 5	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	SUFFICIENCY RATING 0 STATUS 84.3	
(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 890	(115) YEAR OF FUTURE ADT 2028		
		CLASSIFICATION	
		(112) NBIS BRIDGE LENGTH Y	
		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE 0	
		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE 07	
		(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 0	
		(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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Element Inspection

Note: 2.0" of ACHM
overlay on deck

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
16 - Reinforced Concrete Top Flange	1- Ben.	1778	sq. ft.	1778			
	AC OL						
510 - Wearing Surfaces		1778	sq. ft.	0	1778		
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	532	ft.	472	60	0	0
	Cracks and spalls, small sections of steel exposed						
1080 - Delamination/Spall/Patched Area		30			30		
1130 - Cracking (RC and Other)		30			30		
206 - Timber Column	1- Ben.	15	each	15			
215 - Reinforced Concrete Abutment	1- Ben.	51	ft.	51			
234 - Reinforced Concrete Pier Cap	1- Ben.	76	ft.	76			
306 - Other Joint	1- Ben.	76	ft.	0	76	0	0
	Leaking						
2310 - Leakage		76			76		
330 - Metal Bridge Railing	1- Ben.	152	ft.	152			
	Collision damage abutment 2 left rail.						

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Maintenance Needs

Date Reported: 06/22/2016

Priority: D - Routine

Work Code:

Deficiency Description:

Guard rail damage

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description