

Bridge Inspection Report

06526
US 65-15 LM 2.68
over
Cousart Bayou



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: 06526

Inspection Date:

Facility Carried: US 65-15 LM 2.68

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	10/18/2017
(8) STRUCTURE NUMBER	06526	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 65 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02 (3) COUNTY CODE 069	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Cousart Bayou	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 65-15 LM 2.68		
(9) LOCATION	0.1 Mi E US 425-PineBluff		
(11) MILEPOINT 2.680	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000065150 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 34.19477	(17) LONGITUDE -91.91897		
(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: 3 - Steel		(59) SUPERSTRUCTURE	8 (60) SUBSTRUCTURE 8
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(61) CHANNEL & CHANNEL PROTECTION	8 (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 1	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 1		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 0		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1997	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	5
(42) TYPE OF SERVICE ON 1 UNDER 5		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 05 UNDER 00		(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 6900	(19) BYPASS DETOUR LENGTH 27	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	36.0
(109) AVERAGE DAILY TRUCK TRAFFIC 22		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 90	(49) STRUCTURE LENGTH (ft.) 92	(67) STRUCTURAL EVALUATION	8
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	9
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 80.1		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 82.7		(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.) 80.1		(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 0	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	36A) BRIDGE RAILINGS:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.) 81.0		36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	0
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	8
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING	0 STATUS 84.0
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 0		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02
(95) ROADWAY IMPROVEMENT COST (\$)	0	(100) STRAHNET HIGHWAY DESIGNATION	2
(96) TOTAL PROJECT COST	0	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 8867	(115) YEAR OF FUTURE ADT 2028	(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	1
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	01
		(22) OWNER	01
		(37) HISTORICAL	5
		NAVIGATION DATA	
		(38) NAVIGATION CONTROL	0
		(111) PIER OR ABUTMENT PROTECTION	5
		(39) NAV VERT CLEARANCE (ft.)	0
		(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
		(40) NAV HORIZONTAL CLEARANCE (ft.)	0

Inspector:

Structure Number: 06526

Inspection Date:

Facility Carried: US 65-15 LM 2.68

Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	7608	sq. ft.	7132	476	0	0
	Deck: 79.9' wide x 92' long. Few hairline- to minor-sized longitudinal cracks, especially in outside lanes - over girders. Some transverse efflorescence on soffit adjacent to construction joint along centerline of bridge with cracks on deck.						
1120 - Efflorescence/Rust Staining		200			200		
1130 - Cracking (RC and Other)		276			276		
107 - Steel Open Girder/Beam	1- Ben.	990	ft.	990			
	Girders: 11 per span / 90' total span. Coating: 9.0 square feet per linear feet of girder. All girders are brown with a granular texture.						
515 - Steel Protective Coating		8910	sq. ft.	8910			
215 - Reinforced Concrete Abutment	1- Ben.	166	ft.	166			
	Abutments: 83' each / Bents 1 & 2. Some scattered hairline- to minor-sized cracking beginning to show on top of backwalls (on roadway side of road-irons).						
302 - Compression Joint Seal	1- Ben.	160	ft.	130	30	0	0
	Joints: 80' each / Bents 1 & 2. Early signs of minor deterioration to joint seals. Bent 1. Minor damage in left lanes						
2320 - Seal Adhesion		20			20		
2330 - Seal Damage		10			10		
310 - Elastomeric Bearing	1- Ben.	22	each	22			
	Bearings: 11 per bent / Bents 1 & 2.						
321 - Reinforced Concrete Approach Slab	1- Ben.	6080	sq. ft.	5975	0	105	0
	Approach slabs: 3,040 square each / Bents 1 & 2. Bent 1 right: Moderate crack in first half of slab, just inside the edge line. Bent 2: Moderate-sized transverse crack - full-width.						
1130 - Cracking (RC and Other)		105				105	
331 - Reinforced Concrete Bridge Railing	1- Ben.	184	ft.	184			
	Railing: 92' each side.						