

Bridge Inspection Report

06462
SH 140-02- LM 7.88
over
KOCHTITKI DITCH



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: 06462

Inspection Date:

Facility Carried: SH 140-02- LM 7.88

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	02/13/2017
(8) STRUCTURE NUMBER	06462	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 140 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10 (3) COUNTY CODE 093	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	KOCHTITKI DITCH	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 140-02- LM 7.88		
(9) LOCATION	0.5 M E JCT SH 77	CONDITION	
(11) MILEPOINT 7.880	(12) BASE HIGHWAY NETWORK 1	(58) DECK	7
(13A) LRS INVENTORY ROUTE	0000140020 (13B) SUBROUTE NUMBER 00	(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 8
(16) LATITUDE 35.69869	(17) LONGITUDE -90.17007	(61) CHANNEL & CHANNEL PROTECTION	7 (62) CULVERT N
(98A) BORDER BRIDGE CODE		LOAD RATING AND POSTING	
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(31) DESIGN LOAD	5
STRUCTURE TYPE AND MATERIAL		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(43) STRUCTURE TYPE, MAIN		(64) OPERATING RATING	60.0
A) KIND OF MATERIAL/DESIGN:	4 - Steel continuous	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder	(66) INVENTORY RATING	36.0
(44) STRUCTURE TYPE, APPROACH SPANS		(70) BRIDGE POSTING	5
A) KIND OF MATERIAL/DESIGN:	0 - Other	(41) STRUCTURE OPEN/POSTED/CLOSED	A
B) TYPE OF DESIGN/CONSTR:	00 - Other	APPRAISAL	
(45) NUMBER OF SPANS IN MAIN	3 (46) NUMBER OF APPROACH	(67) STRUCTURAL EVALUATION	7
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE	(68) DECK GEOMETRY	6
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
AGE OF SERVICE		(71) WATERWAY ADEQUACY	9
(27) YEAR BUILT	1993 (106) YEAR RECONSTRUCTED	(72) APPROACH ROADWAY ALIGNMENT	8
(42) TYPE OF SERVICE	ON 1 UNDER 5	(36) TRAFFIC SAFETY FEATURE	
(28) LANES	ON 02 UNDER 00	36A) BRIDGE RAILINGS:	1
(29) AVERAGE DAILY TRAFFIC	3400 (19) BYPASS DETOUR LENGTH	36B) TRANSITIONS:	0
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	36C) APPROACH GUARDRAIL:	0
(109) AVERAGE DAILY TRUCK TRAFFIC	1	36D) APPROACH GUARDRAIL ENDS:	0
GEOMETRIC DATA		(113) SCOUR CRITICAL BRIDGES	5
(48) LENGTH OF MAX SPAN (ft.)	74 (49) STRUCTURE LENGTH (ft.)	SUFFICIENCY RATING	0 STATUS 95.9
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	CLASSIFICATION	
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0	(112) NBIS BRIDGE LENGTH	Y
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(100) STRAHNET HIGHWAY DESIGNATION	0
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	(101) PARALLEL STRUCTURE DESIGNATION	N
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.3	(102) DIRECTION OF TRAFFIC	2
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(103) TEMP STRUCTURE	
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(105) FEDERAL LANDS HIGHWAYS	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(110) DESIGNATED NATIONAL NETWORK	0
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(20) TOLL	3
PROPOSED IMPROVEMENTS		(21) MAINTENANCE RESPONSIBILITY	01
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(22) OWNER	01
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0	(37) HISTORICAL	5
(94) BRIDGE IMPROVEMENT COST (\$)	0	NAVIGATION DATA	
(95) ROADWAY IMPROVEMENT COST (\$)	0	(38) NAVIGATION CONTROL	0
(96) TOTAL PROJECT COST	0	(111) PIER OR ABUTMENT PROTECTION	5
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(39) NAV VERT CLEARANCE (ft.)	0
(114) FUTURE ADT	3417 (115) YEAR OF FUTURE ADT	(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
	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
12 - Reinforced Concrete Deck	1- Ben.	8426	sq. ft.	7005	1365	56	0
1080 - Delamination/Spall/Patched Area		2				2	
1120 - Efflorescence/Rust Staining		54				54	
1130 - Cracking (RC and Other)		1365			1365		
107 - Steel Open Girder/Beam	1- Ben.	1164	ft.	1164			
515 - Steel Protective Coating		11188	sq. ft.	11188			
215 - Reinforced Concrete Abutment	1- Ben.	157	ft.	157			
225 - Steel Pile	1- Ben.	12	each	12			
234 - Reinforced Concrete Pier Cap	1- Ben.	106	ft.	106			
302 - Compression Joint Seal	1- Ben.	104	ft.	0	0	104	0
2320 - Seal Adhesion		104				104	
310 - Elastomeric Bearing	1- Ben.	24	each	24			
321 - Reinforced Concrete Approach Slab	1- Ben.	1752	sq. ft.	1589	0	163	0
1080 - Delamination/Spall/Patched Area		9				9	
1130 - Cracking (RC and Other)		154				154	
331 - Reinforced Concrete Bridge Railing	1- Ben.	394	ft.	315	34	45	0
1120 - Efflorescence/Rust Staining		45				45	
1130 - Cracking (RC and Other)		34			34		