

Bridge Inspection Report

A5118
I 30, WB LNS 50.49
over
WILSON CREEK



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: A5118

Inspection Date:

Facility Carried: I 30, WB LNS 50.49

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION				INSPECTIONS			
(1) STATE CODE	056 - Arkansas			(90) INSPECTION DATE	06/18/2018		
(8) STRUCTURE NUMBER	A5118			(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	1	1	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE		
(2) HIGHWAY AGENCY	03	(3) COUNTY CODE	099	A. FRACTURE CRITICAL DETAIL	N		
(4) PLACE CODE	00000			B. UNDERWATER INSPECTION	N		
(6) FEATURES INTERSECTED	WILSON CREEK			C. OTHER SPECIAL	N		
(7) FACILITY CARRIED	I 30, WB LNS 50.49			CONDITION			
(9) LOCATION	4.35 MI NE JCT SH 19			(58) DECK	7		
(11) MILEPOINT	50.490	(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	33.87312	(17) LONGITUDE	-93.33838	LOAD RATING AND POSTING			
(98A) BORDER BRIDGE CODE				(31) DESIGN LOAD	6		
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	6		
(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	8		
(27) YEAR BUILT	1967	(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:	1		
(29) AVERAGE DAILY TRAFFIC	43957	(19) BYPASS DETOUR LENGTH	1	36C) APPROACH GUARDRAIL:	1		
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014			36D) APPROACH GUARDRAIL ENDS:	1		
(109) AVERAGE DAILY TRUCK TRAFFIC	1			(113) SCOUR CRITICAL BRIDGES	5		
GEOMETRIC DATA				SUFFICIENCY RATING	93.9	STATUS	0
(48) LENGTH OF MAX SPAN (ft.)	30	(49) STRUCTURE LENGTH (ft.)	90	CLASSIFICATION			
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0.5	RIGHT	0.5	(112) NBIS BRIDGE LENGTH	Y		
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	39.0			(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42			(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01		
(32) APPROACH ROADWAY WIDTH (ft.)	40.0			(100) STRAHNET HIGHWAY DESIGNATION	1		
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0	(101) PARALLEL STRUCTURE DESIGNATION	L		
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	(102) DIRECTION OF TRAFFIC	1		
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	39.4			(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	1		
(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	1		
(96) TOTAL PROJECT COST	0			(39) NAV VERT CLEARANCE (ft.)	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE	0000			(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0		
(114) FUTURE ADT	16327	(115) YEAR OF FUTURE ADT	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
38 - Reinforced Concrete Slab	1- Ben.	3780	sq. ft.	3755	0	25	0
	ASPHALT AT END BRIDGE SLOW LANE HAS POP OUT EXPOSEING CONCRETE DECK. OUTER EDGES OF ASPHALT IS STARTING TO CRACK AND UNRAVEL. NOTE: THIS IS IN WHEEL PATH						
1120 - Efflorescence/Rust Staining		25				25	
510 - Wearing Surfaces		3510	sq. ft.	3509	1	0	0
3210 - Delamination/Spall/Patched Area/Pothole (Wearing Surfaces)		1			1		
215 - Reinforced Concrete Abutment	1- Ben.	94	ft.	94			
227 - Reinforced Concrete Pile	1- Ben.	12	each	12			
234 - Reinforced Concrete Pier Cap	1- Ben.	168	ft.	165	1	2	0
	CONCRETE CAP BT 2 WEST FACE 2'X1.5' SPALL W/REBAR EXPOSED W/SECTION LOSS BT 3 BOTTOM OF CAP MINOR SPALL W/REBAR EXPOSED BETWEEN PILE 1 & 2						
1080 - Delamination/Spall/Patched Area		1			1		
1090 - Exposed Rebar		2				2	
321 - Reinforced Concrete Approach Slab	1- Ben.	2880	sq. ft.	2880			
	APPROACH SLABS HAVE A ASPHALT OVERLAY, CAN NOT USED EN 510 WEARING SURFACE SEE BRIDGE INSPECTION BOOK, (EN 510 IS NOT EQUAL TO EPN 321)						
330 - Metal Bridge Railing	1- Ben.	180	ft.	180			
331 - Reinforced Concrete Bridge Railing	1- Ben.	180	ft.	180			

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Bridge Inspection Report

Maintenance Needs

Date Reported: 8/3/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

CONCRETE CAP

BT 2 WEST FACE 2'X1.5' SPALL W/REBAR EXPOSED W/SECTION LOSS, BT 3 BOTTOM OF CAP MINOR SPALL W/REBAR EXPOSED BETWEEN PILE 1 & 2, SMALL SPALLS W/ REBAR EXPOSED UNDERSIDE OF CAPS BENT 2 & 3

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1 Description CONCRETE CAP
BT 2 WEST FACE 2'X1.5' SPALL
W/REBAR EXPOSED W/SECTION
LOSS

Stage: Assigned



PHOTO 2 Description CONCRETE CAP
BT 3 BOTTOM OF CAP MINOR SPALL
W/REBAR EXPOSED BETWEEN PILE
1 & 2

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Maintenance Needs

Date Reported: 06/16/2016

Priority: C - Important

Work Code:

Deficiency Description:

ASPHALT AT ALL JOINTS ARE UNRAVELING AND FORMING POTHOLES

Work Description:

Date Repairs Completed:

Maintenance Comments:

AMS will handle

Stage: Open



PHOTO 1 Description

Stage: Open



PHOTO 2 Description