

Bridge Inspection Report

B5118
I-30, E.B.L-50.49
over
WILSON CREEK



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: B5118

Inspection Date:

Facility Carried: I-30, E.B.L-50.49

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	06/18/2018
(8) STRUCTURE NUMBER	B5118	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 1 1 30 2	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	03	(3) COUNTY CODE	099
(4) PLACE CODE	00000	A. FRACTURE CRITICAL DETAIL	N
(6) FEATURES INTERSECTED	WILSON CREEK	B. UNDERWATER INSPECTION	N
(7) FACILITY CARRIED	I-30, E.B.L-50.49	C. OTHER SPECIAL	N
(9) LOCATION	4.35 MI NE OF SH 9	CONDITION	
(11) MILEPOINT	50.490	(58) DECK	7
(12) BASE HIGHWAY NETWORK	0	(59) SUPERSTRUCTURE	7
(13A) LRS INVENTORY ROUTE	0000000000	(60) SUBSTRUCTURE	6
(13B) SUBROUTE NUMBER	00	(61) CHANNEL & CHANNEL PROTECTION	7
(16) LATITUDE	33.87278	(62) CULVERT	N
(17) LONGITUDE	-93.33787	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	6
(45) NUMBER OF SPANS IN MAIN	3	(68) DECK GEOMETRY	6
(46) NUMBER OF APPROACH	0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(107) DECK STRUCTURE TYPE	1	(71) WATERWAY ADEQUACY	8
(108A) WEARING SURFACE	6	(72) APPROACH ROADWAY ALIGNMENT	8
(108B) DECK MEMBRANE	0	(36) TRAFFIC SAFETY FEATURE	
(108C) DECK PROTECTION	0	36A) BRIDGE RAILINGS:	1
AGE OF SERVICE		36B) TRANSITIONS:	1
(27) YEAR BUILT	1967	36C) APPROACH GUARDRAIL:	1
(106) YEAR RECONSTRUCTED	0000	36D) APPROACH GUARDRAIL ENDS:	1
(42) TYPE OF SERVICE	ON 1 UNDER 5	(113) SCOUR CRITICAL BRIDGES	5
(28) LANES	ON 02 UNDER 00	SUFFICIENCY RATING	95.5
(29) AVERAGE DAILY TRAFFIC	27000	STATUS	0
(19) BYPASS DETOUR LENGTH	1	CLASSIFICATION	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(112) NBIS BRIDGE LENGTH	Y
(109) AVERAGE DAILY TRUCK TRAFFIC	1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
GEOMETRIC DATA		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01
(48) LENGTH OF MAX SPAN (ft.)	30	(100) STRAHNET HIGHWAY DESIGNATION	1
(49) STRUCTURE LENGTH (ft.)	90	(101) PARALLEL STRUCTURE DESIGNATION	R
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0.5 RIGHT 0.5	(102) DIRECTION OF TRAFFIC	1
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	39.0	(103) TEMP STRUCTURE	
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42	(105) FEDERAL LANDS HIGHWAYS	0
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(110) DESIGNATED NATIONAL NETWORK	1
(33) BRIDGE MEDIAN	0	(20) TOLL	3
(34) SKEW (DEG.)	0	(21) MAINTENANCE RESPONSIBILITY	01
(35) STRUCTURE FLARED	0	(22) OWNER	01
(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	(37) HISTORICAL	5
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	39.4	NAVIGATION DATA	
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(38) NAVIGATION CONTROL	0
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(111) PIER OR ABUTMENT PROTECTION	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(39) NAV VERT CLEARANCE (ft.)	0
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
PROPOSED IMPROVEMENTS		(40) NAV HORIZONTAL CLEARANCE (ft.)	0
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY		
(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	0000		
(114) FUTURE ADT	16327		
(115) YEAR OF FUTURE ADT	2028		

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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.	3780			
REHAB JOB # B30101 2" ASPHALT OVERLAY							
510 - Wearing Surfaces		3510	sq. ft.	3510			
215 - Reinforced Concrete Abutment	1- Ben.	94	ft.	94			
227 - Reinforced Concrete Pile	1- Ben.	12	each	11	0	1	0
PILE 6 IS CRACK AT GROUND LINE 1/4 CRACK AROUND PILE. BENT 2 RIGHT SIDE OF BENT..							
1130 - Cracking (RC and Other)		1				1	
234 - Reinforced Concrete Pier Cap	1- Ben.	168	ft.	167	0	1	0
SMALL SPALL IN SPAN # 1 CLOSE TO COLUMN # 3 W/REBAR EXPOSED.							
1090 - Exposed Rebar		1				1	
321 - Reinforced Concrete Approach Slab	1- Ben.	2880	sq. ft.	2880			
APPROACH SLABS ARE COVERED WITH ASPHALT CAN NOT USE ITEM 510 - Wearing Surfaces SEE BRIDGE INSPECTION BOOK FOR INFO (THE EPN NUMBER WILL NOT WORK WITH EN 510)							
330 - Metal Bridge Railing	1- Ben.	180	ft.	170	10	0	0
10 FT OF BRIDGE RAIL DAMAGE LT SIDE							
7000 - Damage		10			10		
331 - Reinforced Concrete Bridge Railing	1- Ben.	180	ft.	180			

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Maintenance Needs

Date Reported: 8/6/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

SMALL SPALL IN SPAN # 1 CLOSE TO COLUMN # 3 W/ REBAR EXPOSED AND BOTTOM OF BENT 2 CAP BETWEEN PILES 4 & 5

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Assigned



PHOTO 1	Description	BENT 2 & 3 small SPALLS WITH REBAR EXPOSED
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Bridge Inspection Report

Maintenance Needs

Date Reported: 06/16/2016

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

PAST FLOODS HAVE MOVED SOME OF RIPRAP FROM SLOPE UNDER SPAN 1 TO CHANNEL LEAVING DIRT BANK EXPOSED IN AREAS

Work Description:

Date Repairs Completed:

Maintenance Comments:

AMS will handle

Stage: Open



PHOTO 1 Description PAST FLOODS HAVE MOVED SOME
OF RIPRAP FROM SLOPE UNDER
SPAN 1

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Maintenance Needs

Date Reported: 06/16/2016

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

PILE 6 IS CRACK AT GROUND LINE 1/4 CRACK AROUND PILE, BENT 2 ON RIGHT SIDE OF BENT

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description PILE 6 IS CRACK AT GROUND LINE
1/4 CRACK BENT 2 RIGHT SIDE

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Maintenance Needs

Date Reported: 06/18/2018

Priority: C - Important

Work Code:

Deficiency Description:

ASPHALT AT ALL JOINTS UNRAVELING AND FORMING POT HOLES

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description ASPHALT AT ALL JOINTS
UNRAVELING AND FORMING POT
HOLES