

Bridge Inspection Report

03141
SEVIER STREET
over
I-30 Log 115.92



Inspection Date:

Inspected By:

Inspection Type(s):

TABLE OF CONTENTS

	PAGE NUMBER
LOCATION MAP	3
NATIONAL BRIDGE INVENTORY	6
ELEMENTS	7
PICTURES	9
SKETCHES	10

Inspector:

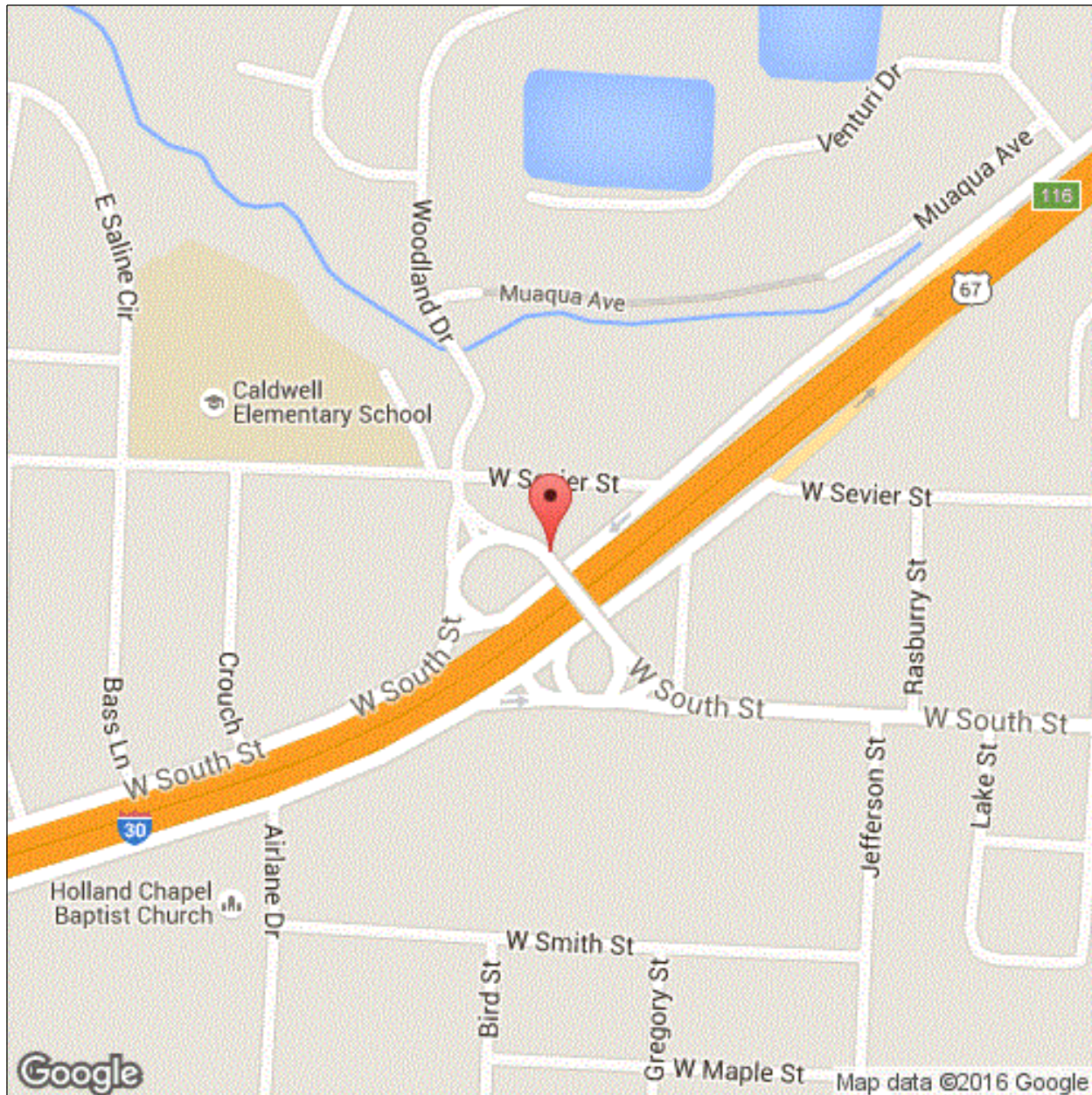
Structure Number: 03141

Inspection Date:

Facility Carried: SEVIER STREET

Bridge Inspection Report

Location Map



Latitude: 34.56517

Longitude: -92.60332

Inspector:

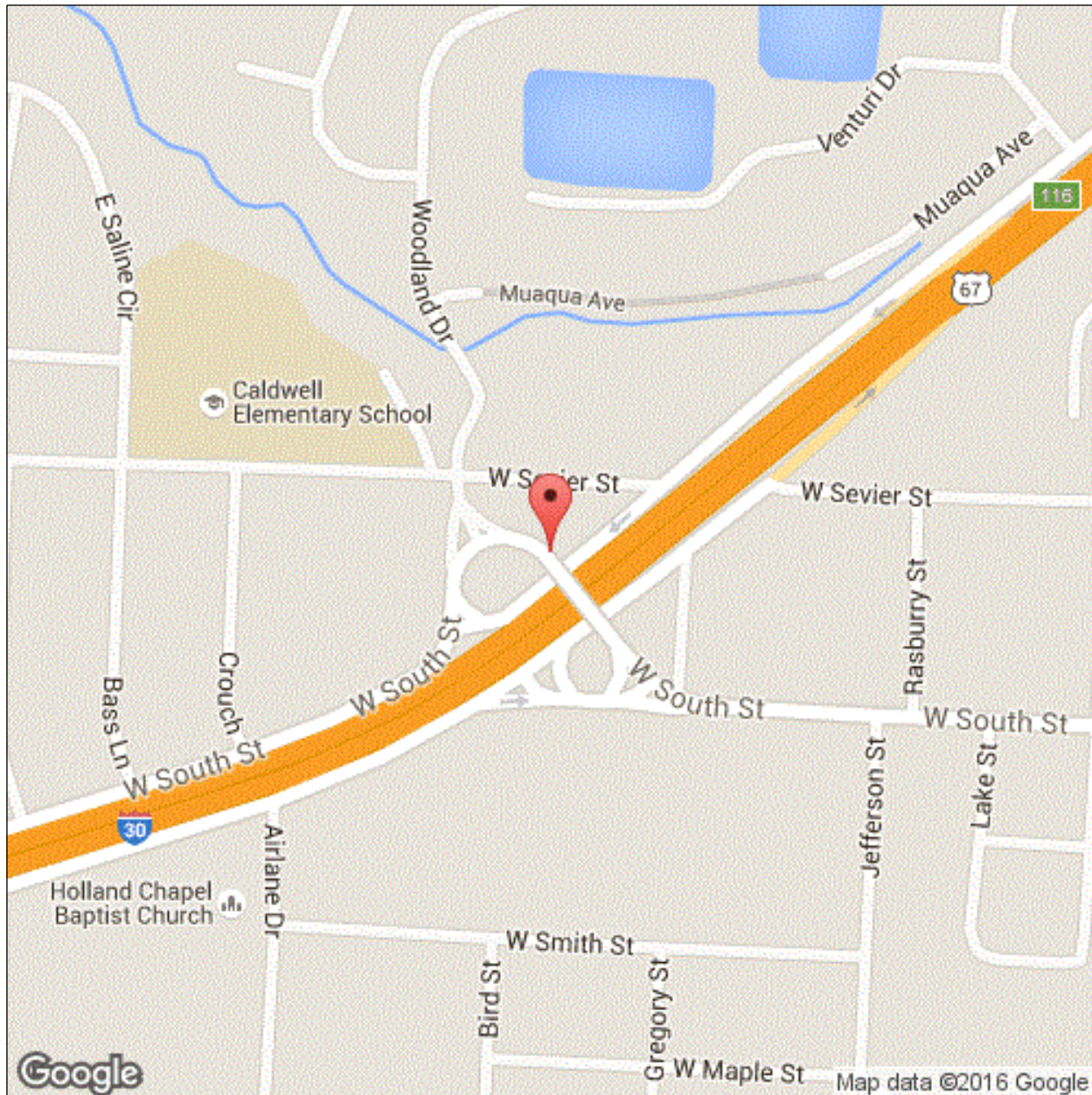
Structure Number: 03141

Inspection Date:

Facility Carried: SEVIER STREET

Bridge Inspection Report

Location Map



Latitude: 34.56517

Longitude: -92.60332

Inspector:

Inspection Date:

Structure Number: 03141

Facility Carried: SEVIER STREET

Bridge Inspection Report

Executive Summary

Logged Southbound.

Inspector:

Structure Number: 03141

Inspection Date:

Facility Carried: SEVIER STREET

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	07/02/2018
(8) STRUCTURE NUMBER	03141	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 5 1 52310 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	06 (3) COUNTY CODE 125	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	04980	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	I-30 Log 115.92	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SEVIER STREET		
(9) LOCATION	1.13 MI SW JCT SH 35		
(11) MILEPOINT 0.030	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 34.56517	(17) LONGITUDE -92.60332		
(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: 3 - Steel		(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 6
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(61) CHANNEL & CHANNEL PROTECTION	N (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 6	(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 1982	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	6
(42) TYPE OF SERVICE ON 6 UNDER 1		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 02 UNDER 08		(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 9780	(19) BYPASS DETOUR LENGTH 0	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2000		(66) INVENTORY RATING	36.0
(109) AVERAGE DAILY TRUCK TRAFFIC 5		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 60	(49) STRUCTURE LENGTH (ft.) 282	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	6
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 44.0		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	5
(52) DECK WIDTH, OUT-TO-OUT (ft.) 46.8		(71) WATERWAY ADEQUACY	N
(32) APPROACH ROADWAY WIDTH (ft.) 30.8		(72) APPROACH ROADWAY ALIGNMENT	6
(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.) 44.0		36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	0
(54) VERTICAL UNDER CLEARANCE (ft.) H 16.25		36D) APPROACH GUARDRAIL ENDS:	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) H 13.1		(113) SCOUR CRITICAL BRIDGES	N
(56) MIN LATERAL UNDER CLEARANCE (ft.) 7.3		SUFFICIENCY RATING 97.0	STATUS 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	0
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	16
(95) ROADWAY IMPROVEMENT COST (\$)	0	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	0	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 13442	(115) YEAR OF FUTURE ADT 2020	(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	N
		(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

Inspector:

Structure Number: 03141

Inspection Date:

Facility Carried: SEVIER STREET

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.	13198	sq. ft.	12070	1128	0	0
Longitudinal cracks in the deck up to 0.025 wide.							
1130 - Cracking (RC and Other)		1128			1128		
107 - Steel Open Girder/Beam	1- Ben.	1680	ft.	1478	202	0	0
All beams have areas of surface rust with minor pitting.							
1000 - Corrosion		202			202		
515 - Steel Protective Coating		9800	sq. ft.	0	2450	6946	404
3440 - Effectiveness (Steel Protective Coatings)		9800			2450	6946	404
205 - Reinforced Concrete Column	1- Ben.	15	each	8	7	0	0
Bent 2 column 1 has spall with exposed rebar. Bent 3 column 2 has spall with exposed rebar, and delam. Bent 3 column 1 has spall with exposed rebar. Bent 4 column 1 has vertical cracks. Bent 5 column 1 has delam with vertical cracks. Bent 6 column 1 and 2 has vertical crack.							
1090 - Exposed Rebar		3			3		
1130 - Cracking (RC and Other)		4			4		
215 - Reinforced Concrete Abutment	1- Ben.	86	ft.	80	6	0	0
Both abutments have scattered cracks.							
1130 - Cracking (RC and Other)		6			6		
234 - Reinforced Concrete Pier Cap	1- Ben.	215	ft.	185	30	0	0
Bent 3 cap ahead face has delam. Bent 4 left of column 3 the cap has spalls with exposed rebar. Bent 6 left of column 2 cap has delam. All caps have scattered cracks.							
1080 - Delamination/Spall/Patched Area		4			4		
1090 - Exposed Rebar		2			2		
1130 - Cracking (RC and Other)		24			24		
303 - Assembly Joint with Seal	1- Ben.	329	ft.	235	0	0	94
Bents 2 and 6 joint missing.							
2310 - Leakage		94					94
311 - Movable Bearing	1- Ben.	36	each	0	36	0	0
1000 - Corrosion		36			36		
313 - Fixed Bearing	1- Ben.	36	each	0	36	0	0
1000 - Corrosion		36			36		
321 - Reinforced Concrete Approach Slab	1- Ben.	1360	sq. ft.	1315	45	0	0

Inspector:

Structure Number: 03141

Inspection Date:

Facility Carried: SEVIER STREET

Bridge Inspection Report

Element Inspection

1130 - Cracking (RC and Other)		45			45		
331 - Reinforced Concrete Bridge Railing	1- Ben.	564	ft.	491	73	0	0
Reinforced concrete bridge railing has scattered cracks.							
1130 - Cracking (RC and Other)		73			73		

Inspector:

Inspection Date:

Structure Number: 03141

Facility Carried: SEVIER STREET

Bridge Inspection Report

Pictures

PHOTO 1

Description

PHOTO 2

Description

Inspector:

Inspection Date:

Structure Number: 03141

Facility Carried: SEVIER STREET

Bridge Inspection Report

Sketches

Inspector:

Structure Number: 03141

Inspection Date:

Facility Carried: SEVIER STREET

Bridge Inspection Report

Maintenance Needs

Date Reported: 7/10/2014 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Bents 2 & 6 the joint seals are missing.

Work Description:

Date Repairs Completed:

Maintenance Comments:
