

Bridge Inspection Report

A6399
I-555SB-02-LM 28.4
over
SH 69



Inspection Date:

Inspected By:

Inspection Type(s):

TABLE OF CONTENTS

	PAGE NUMBER
LOCATION MAP	3
NATIONAL BRIDGE INVENTORY	7
ELEMENTS	9
PICTURES	10
SKETCHES	11

Inspector:

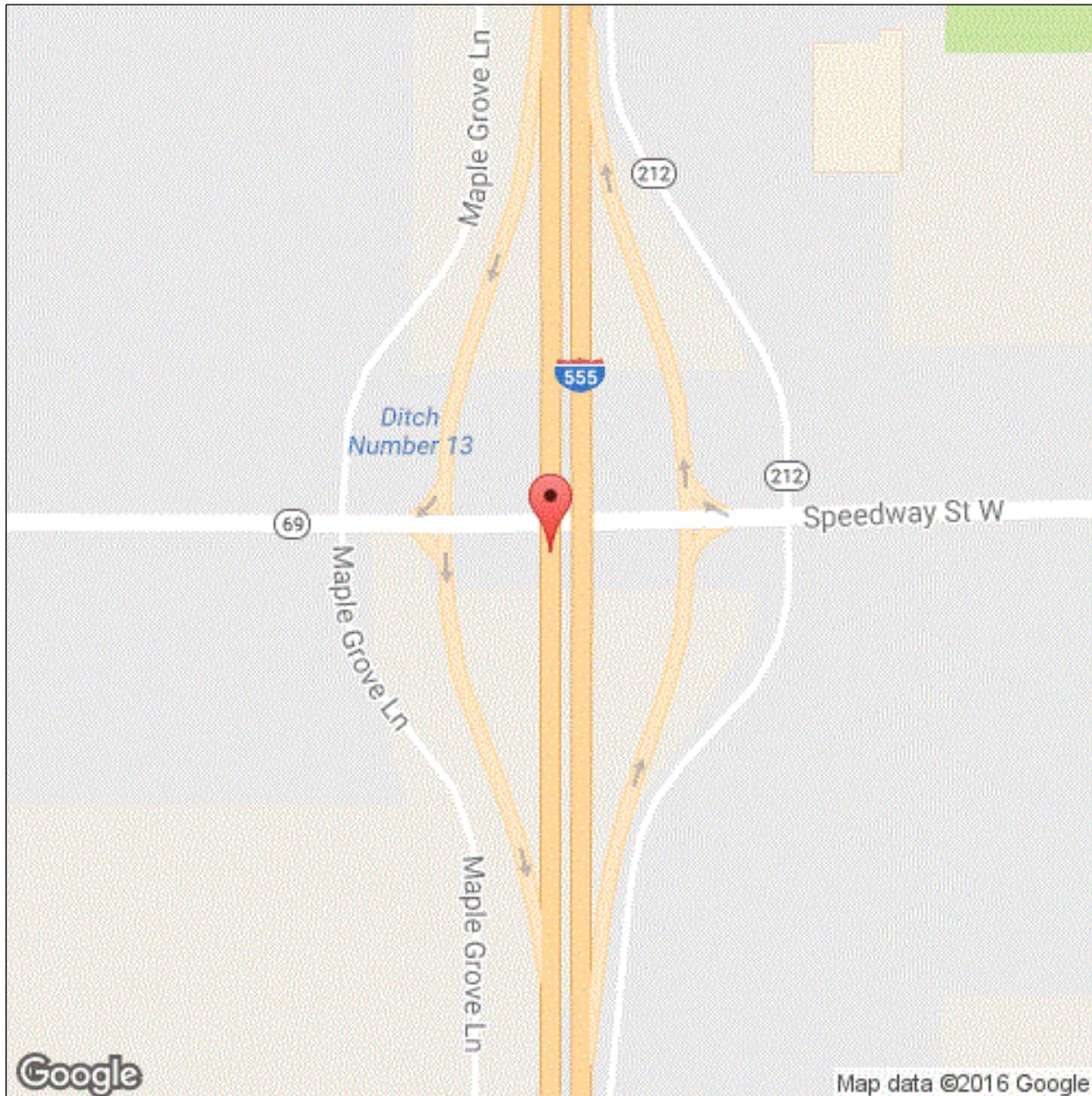
Structure Number: A6399

Inspection Date:

Facility Carried: I-555SB-02-LM 28.4

Bridge Inspection Report

Location Map



Latitude: 35.67801

Longitude: -90.55290

Inspector:

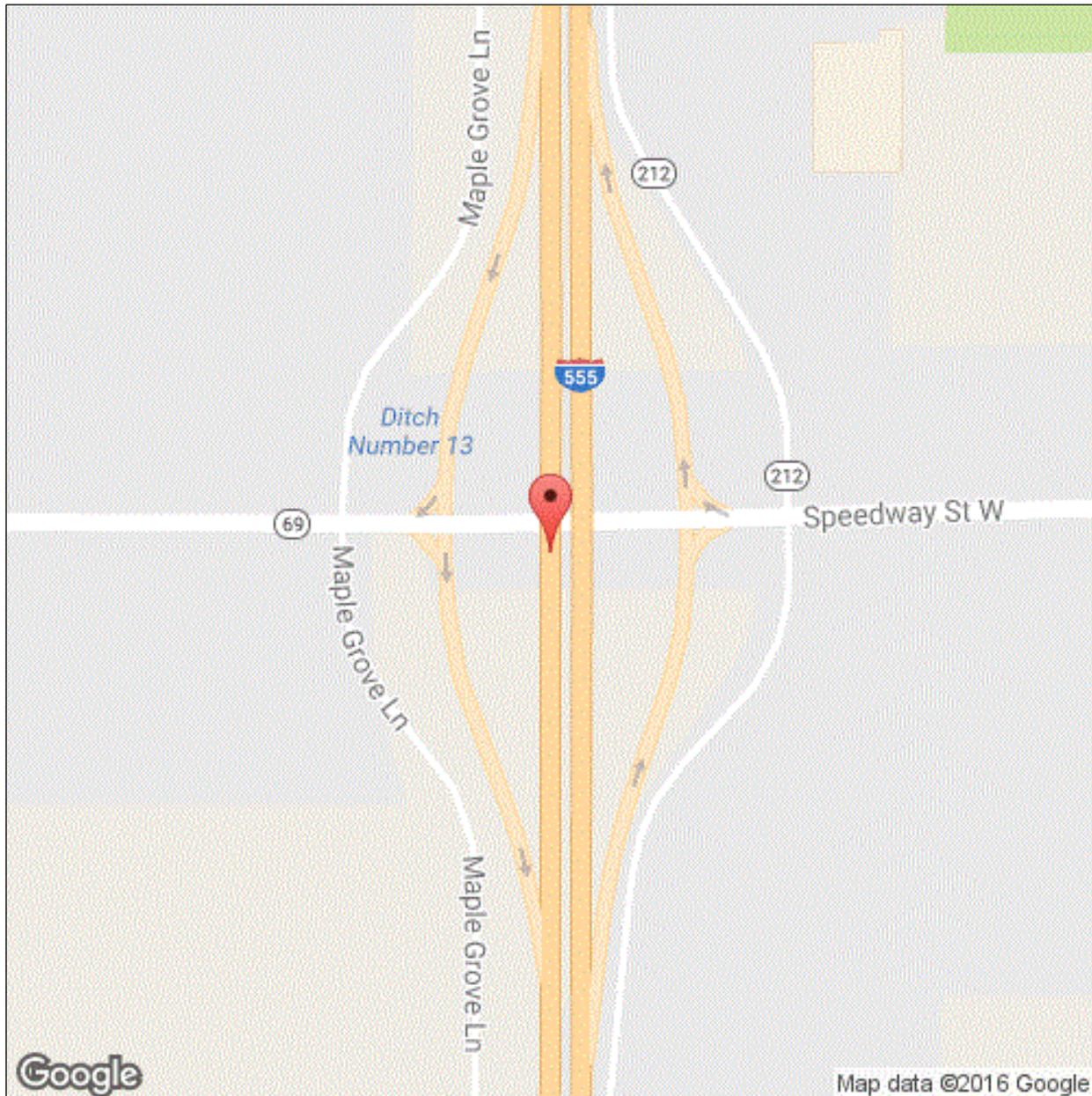
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Location Map



Latitude: 35.67801

Longitude: -90.55290

Inspector:

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Bridge Inspection Report

Executive Summary

Inspector:

Structure Number: A6399

Inspection Date:

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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION				INSPECTIONS			
(1) STATE CODE	056 - Arkansas			(90) INSPECTION DATE	11/03/2016		
(8) STRUCTURE NUMBER	A6399			(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	1	1	555	3	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10	(3) COUNTY CODE	111		A. FRACTURE CRITICAL DETAIL	N	
(4) PLACE CODE	00000			B. UNDERWATER INSPECTION	N		
(6) FEATURES INTERSECTED	SH 69			C. OTHER SPECIAL	N		
(7) FACILITY CARRIED	I-555SB-02-LM 28.4			CONDITION			
(9) LOCATION	1.65 MI W SH463			(58) DECK	6		
(11) MILEPOINT	28.46	(12) BASE HIGHWAY NETWORK	1		(59) SUPERSTRUCTURE	8	(60) SUBSTRUCTURE
(13A) LRS INVENTORY ROUTE	0000063080	(13B) SUBROUTE NUMBER	00		(61) CHANNEL & CHANNEL PROTECTION	N	(62) CULVERT
(16) LATITUDE	35.67801	(17) LONGITUDE	-90.55290		(61) CHANNEL & CHANNEL PROTECTION	N	(62) CULVERT
(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	43		
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	26		
(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	0		(67) STRUCTURAL EVALUATION	5	
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE	0		(68) DECK GEOMETRY	7	
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION	0		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	9	
AGE OF SERVICE				(71) WATERWAY ADEQUACY	N		
(27) YEAR BUILT	1993	(106) YEAR RECONSTRUCTED	0000		(72) APPROACH ROADWAY ALIGNMENT	8	
(42) TYPE OF SERVICE	ON 1	UNDER	1		(36) TRAFFIC SAFETY FEATURE		
(28) LANES	ON 02	UNDER	02		36A) BRIDGE RAILINGS:	1	
(29) AVERAGE DAILY TRAFFIC	14000	(19) BYPASS DETOUR LENGTH	1		36B) TRANSITIONS:	1	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2013			36C) APPROACH GUARDRAIL:	1		
(109) AVERAGE DAILY TRUCK TRAFFIC	1			36D) APPROACH GUARDRAIL ENDS:	1		
GEOMETRIC DATA				(113) SCOUR CRITICAL BRIDGES	N		
(48) LENGTH OF MAX SPAN (ft.)	90	(49) STRUCTURE LENGTH (ft.)	182		SUFFICIENCY RATING	0	STATUS
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT	0		87.0		
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0			CLASSIFICATION			
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8			(112) NBIS BRIDGE LENGTH	Y		
(32) APPROACH ROADWAY WIDTH (ft.)	40.0			(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1		
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	11	
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99		(100) STRAHNET HIGHWAY DESIGNATION	1	
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.3			(101) PARALLEL STRUCTURE DESIGNATION	R		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99			(102) DIRECTION OF TRAFFIC	1		
(54) VERTICAL UNDER CLEARANCE (ft.)	H		16.85	(103) TEMP STRUCTURE			
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	H		24.2	(105) FEDERAL LANDS HIGHWAYS	0		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0			(110) DESIGNATED NATIONAL NETWORK	1		
PROPOSED IMPROVEMENTS				(20) TOLL	3		
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY			(21) MAINTENANCE RESPONSIBILITY	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	N		
(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	8071	(115) YEAR OF FUTURE ADT	2028		(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0	
					(40) NAV HORIZONTAL CLEARANCE (ft.)	0	

Inspector:

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Bridge Inspection Report

National Bridge Inventory

UNDER RECORD 2

IDENTIFICATION

(1) STATE CODE	056 - Arkansas	(7) FACILITY CARRIED	I-555SB-02-LM28.46
(3) COUNTY CODE	111	(8) STRUCTURE NUMBER	A6399
(4) PLACE CODE	00000	(9) LOCATION	1.65 MI W SH463
(5) INV. ROUTE (ON/UNDER)	2 3 1 69 0	(11) MILEPOINT	6.009 (12) BASE HIGHWAY NETWORK 0
(6) FEATURES INTERSECTED	SH 69	(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35. (17) LONGITUDE -90.5529166666667 6785333333333

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE, MAIN A) KIND OF MATERIAL/DESIGN: 4 - Steel continuous
 B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder

AGE OF SERVICE

(19) BYPASS DETOUR LENGTH	1	(30) YEAR OF AVERAGE DAILY TRAFFIC	2014
(27) YEAR BUILT	1993	(42) TYPE OF SERVICE	ON 1 UNDER 1
(28) LANES	ON 02 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	1
(29) AVERAGE DAILY TRAFFIC	7300		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	17.1	(48) LENGTH OF MAXIMUM SPAN	90	(49) STRUCTURE LENGTH	182
(47) TOTAL HORIZONTAL CLEARANCE	86.7				

CLASSIFICATION

(20) TOLL	3	(102) DIRECTION OF TRAFFIC	2
(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07	(103) TEMP STRUCTURE	
(100) STRAHNET HIGHWAY DESIGNATION	0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(101) PARALLEL STRUCTURE DESIGNATION	R	(110) DESIGNATED NATIONAL NETWORK	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.	7834	sq. ft.	7191	83	560	0
1120 - Efflorescence/Rust Staining		83			83		
1130 - Cracking (RC and Other)		560				560	
107 - Steel Open Girder/Beam	1- Ben.	9407	ft.	9395	12	0	0
1000 - Corrosion		12			12		
515 - Steel Protective Coating		11238	sq. ft.	11072	0	83	83
3440 - Effectiveness (Steel Protective Coatings)		166				83	83
205 - Reinforced Concrete Column	1- Ben.	4	each	4			
215 - Reinforced Concrete Abutment	1- Ben.	130	ft.	130			
234 - Reinforced Concrete Pier Cap	1- Ben.	90	ft.	90			
302 - Compression Joint Seal	1- Ben.	80	ft.	0	80		
310 - Elastomeric Bearing	1- Ben.	12	each	12			
311 - Movable Bearing	1- Ben.	12	each	12			
321 - Reinforced Concrete Approach Slab	1- Ben.	1752	sq. ft.	1607	0	145	0
1130 - Cracking (RC and Other)		145				145	
331 - Reinforced Concrete Bridge Railing	1- Ben.	364	ft.	364			

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Pictures

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Bridge Inspection Report

Sketches

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 2/1/2011 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Conc. Approach Slab
Open unsealed cracks thru slabs.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

Structure Number: A6399

Inspection Date:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 2/1/2011 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Steel Girders

Several areas have paint peeling at splice locations and at ends of girders.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description

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Bridge Inspection Report

Maintenance Needs

Date Reported: 2/1/2011 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Conc. Deck

Deck has a few unsealed cracks.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description

Inspector:

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Bridge Inspection Report

Maintenance Needs

Date Reported: 1/20/2015 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Some rust with light pitting forming on ends of girders at Bt. 1 & 4.

Work Description:

Date Repairs Completed:

Maintenance Comments:
