

Bridge Inspection Report

B6337
I-555-02NB-LM23.73
over
SH 463



Inspection Date:

Inspected By:

Inspection Type(s):

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Inspector:

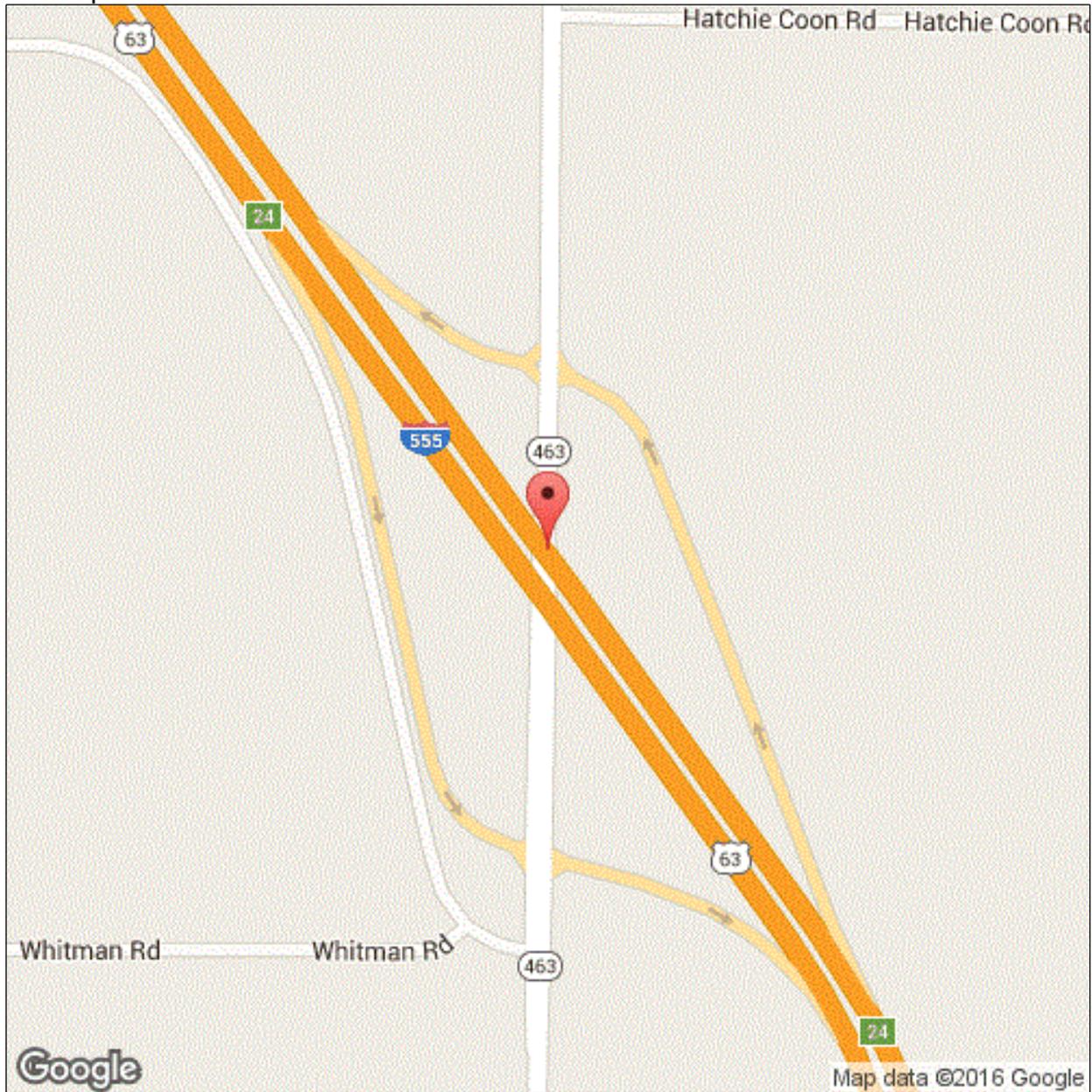
Structure Number: B6337

Inspection Date:

Facility Carried: I-555-02NB-
LM23.73

Bridge Inspection Report

Location Map



Latitude: 35.63060
Longitude: -90.50051

Inspector:

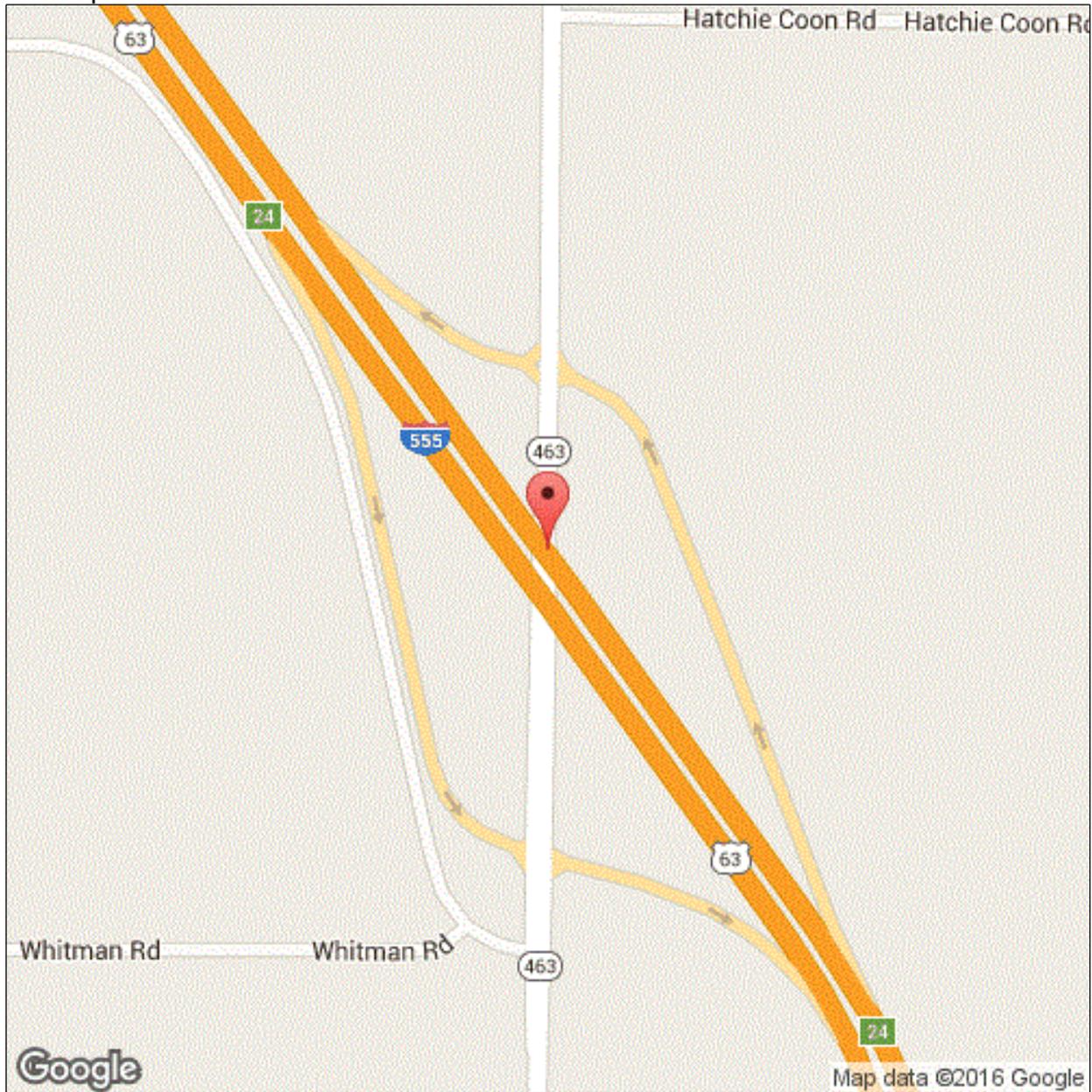
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Location Map



Latitude: 35.63060
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Bridge Inspection Report

Executive Summary

Inspector:
 Inspection Date:

Structure Number: B6337
 Facility Carried: I-555-02NB-
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Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION				INSPECTIONS				
(1) STATE CODE	056 - Arkansas			(90) INSPECTION DATE	05/17/2016			
(8) STRUCTURE NUMBER	B6337			(91) DESIGNATED INSPECTION FREQUENCY	24			
(5) INV. ROUTE (ON/UNDER)	1	1	1	555	1	(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 463			C. OTHER SPECIAL	N			
(7) FACILITY CARRIED	I-555-02NB-LM23.73			CONDITION				
(9) LOCATION	2.5 MI S AT TRUMANN			(58) DECK	7			
(11) MILEPOINT	23.73	(12) BASE HIGHWAY NETWORK	1		(59) SUPERSTRUCTURE	7	(60) SUBSTRUCTURE	8
(13A) LRS INVENTORY ROUTE	0000063080		(13B) SUBROUTE NUMBER	00				
(16) LATITUDE	35.63060	(17) LONGITUDE	-90.50051					
(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	56			
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	33.0			
(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	0					
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE	1					
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION	0					
AGE OF SERVICE				(67) STRUCTURAL EVALUATION	7			
(27) YEAR BUILT	1992		(106) YEAR RECONSTRUCTED	0000				
(42) TYPE OF SERVICE	ON 1	UNDER	1					
(28) LANES	ON 02	UNDER	02					
(29) AVERAGE DAILY TRAFFIC	12000	(19) BYPASS DETOUR LENGTH	1					
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014			(68) DECK GEOMETRY	7			
(109) AVERAGE DAILY TRUCK TRAFFIC	1			(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	4			
GEOMETRIC DATA				(71) WATERWAY ADEQUACY	N			
(48) LENGTH OF MAX SPAN (ft.)	122	(49) STRUCTURE LENGTH (ft.)	312					
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT	0					
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0			(72) APPROACH ROADWAY ALIGNMENT	8			
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8			(36) TRAFFIC SAFETY FEATURE				
(32) APPROACH ROADWAY WIDTH (ft.)	40.0			36A) BRIDGE RAILINGS:	1			
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	53					
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99					
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.0			36B) TRANSITIONS:	1			
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99			36C) APPROACH GUARDRAIL:	1			
(54) VERTICAL UNDER CLEARANCE (ft.)	H		17.08	36D) APPROACH GUARDRAIL ENDS:	1			
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	H		6.6	(113) SCOUR CRITICAL BRIDGES	N			
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0			SUFFICIENCY RATING	0	STATUS	93.5	
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	1			
(94) BRIDGE IMPROVEMENT COST (\$)	0			(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01			
(95) ROADWAY IMPROVEMENT COST (\$)	0			(100) STRAHNET HIGHWAY DESIGNATION	1			
(96) TOTAL PROJECT COST	0			(101) PARALLEL STRUCTURE DESIGNATION	L			
(97) YEAR OF IMPROVEMENT COST ESTIMATE				(102) DIRECTION OF TRAFFIC	1			
(114) FUTURE ADT	6830	(115) YEAR OF FUTURE ADT	2028					
				(103) TEMP STRUCTURE				
				(105) FEDERAL LANDS HIGHWAYS	0			
				(110) DESIGNATED NATIONAL NETWORK	1			
				(20) TOLL	3			
				(21) MAINTENANCE RESPONSIBILITY	01			
				(22) OWNER	01			
				(37) HISTORICAL	5			
NAVIGATION DATA				(38) NAVIGATION CONTROL	N			
				(111) PIER OR ABUTMENT PROTECTION	5			
				(39) NAV VERT CLEARANCE (ft.)	0			
				(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0			
				(40) NAV HORIZONTAL CLEARANCE (ft.)	0			

Inspector:
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National Bridge Inventory

UNDER RECORD 2

IDENTIFICATION

(1) STATE CODE	056 - Arkansas	(7) FACILITY CARRIED	I-555-02NB-LM23.73
(3) COUNTY CODE	111	(8) STRUCTURE NUMBER	B6337
(4) PLACE CODE	00000	(9) LOCATION	2.5 MI S AT TRUMANN
(5) INV. ROUTE (ON/UNDER)	2 3 1 463 1	(11) MILEPOINT	5.990 (12) BASE HIGHWAY NETWORK 0
(6) FEATURES INTERSECTED	SH 463	(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35. (17) LONGITUDE -90.5011 6312166666667

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	1992	(42) TYPE OF SERVICE	ON 1 UNDER 1
(28) LANES	ON 02 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	1
(29) AVERAGE DAILY TRAFFIC	2400		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	17.1	(48) LENGTH OF MAXIMUM SPAN	122 (49) STRUCTURE LENGTH 312
(47) TOTAL HORIZONTAL CLEARANCE	41.0		

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	L	(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.	133353	sq. ft.	130729	2624	0	0
1130 - Cracking (RC and Other)		2624			2624		
107 - Steel Open Girder/Beam	1- Ben.	1848	ft.	1848			
515 - Steel Protective Coating		16158	sq. ft.	14542	1616	0	0
3440 - Effectiveness (Steel Protective Coatings)		1616			1616		
205 - Reinforced Concrete Column	1- Ben.	6	each	6			
215 - Reinforced Concrete Abutment	1- Ben.	176	ft.	176			
234 - Reinforced Concrete Pier Cap	1- Ben.	132	ft.	132			
305 - Assembly Joint without Seal	1- Ben.	133	ft.	133			
310 - Elastomeric Bearing	1- Ben.	24	each	24			
331 - Reinforced Concrete Bridge Railing	1- Ben.	624	ft.	624			

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Pictures

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Bridge Inspection Report

Sketches

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Bridge Inspection Report

Maintenance Needs

Date Reported: 5/21/2014 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Bent 1 the North East corner of Concrete Slope Protection has up to 6in. settlement to concrete with a void under the Cap 9in. deep x at least 2ft. under cap, see 2014 photo.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 5/21/2014 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Span 1 Bay 1 Girder 1 Diaphragm 4
Has 8 loose Bolts.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 5/21/2014 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Minor size and density transverse cracks top of deck.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

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Maintenance Needs

Date Reported: 5/21/2014 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Majority of girders and bearings are covered with freckled rust, 10% paint deterioration.

Work Description:

Date Repairs Completed:

Maintenance Comments:
