

Bridge Inspection Report

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



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:

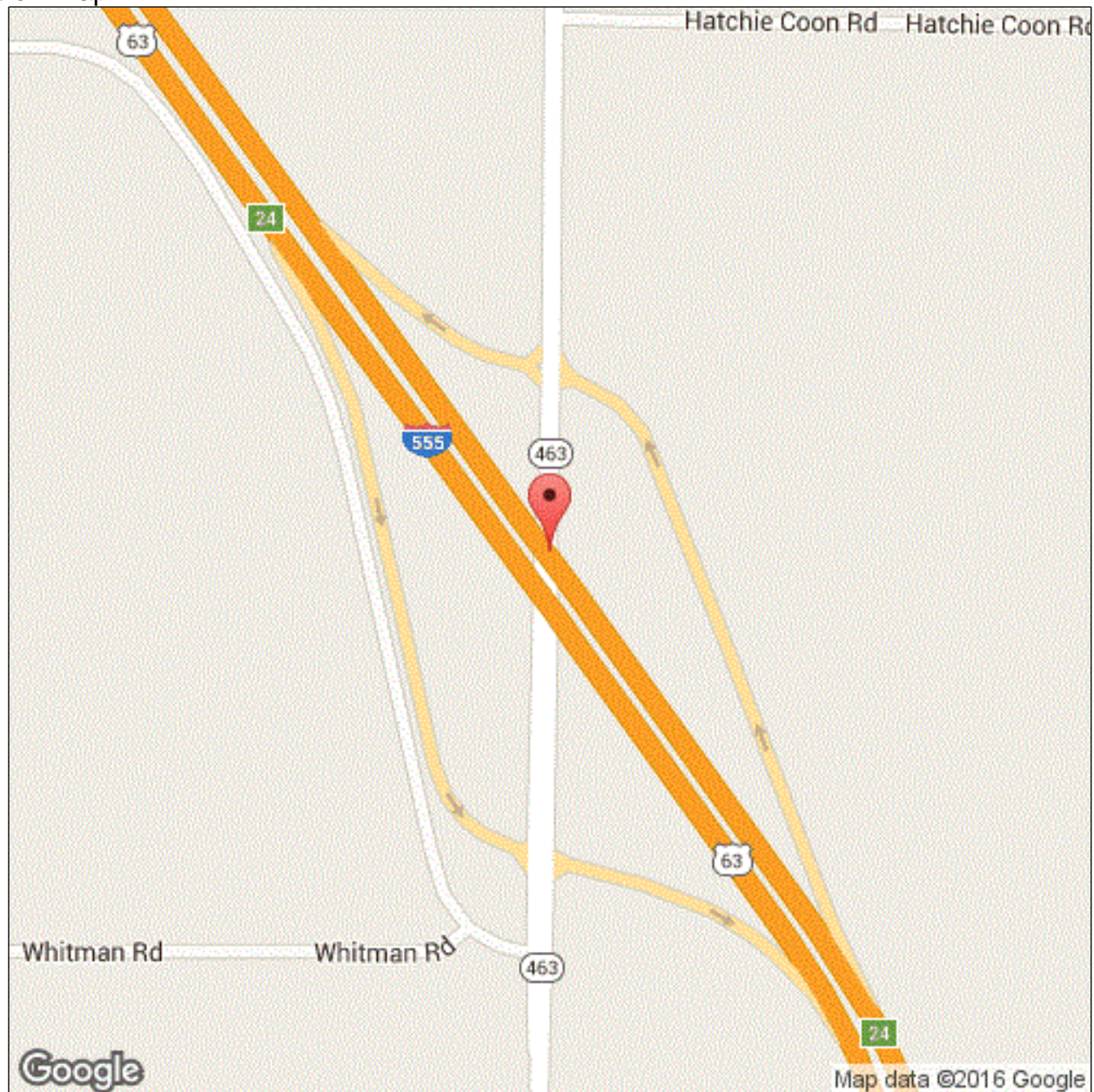
Inspection Date:

Structure Number: B6337

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

Bridge Inspection Report

Location Map



Latitude: 35.63060

Longitude: -90.50051

Inspector:

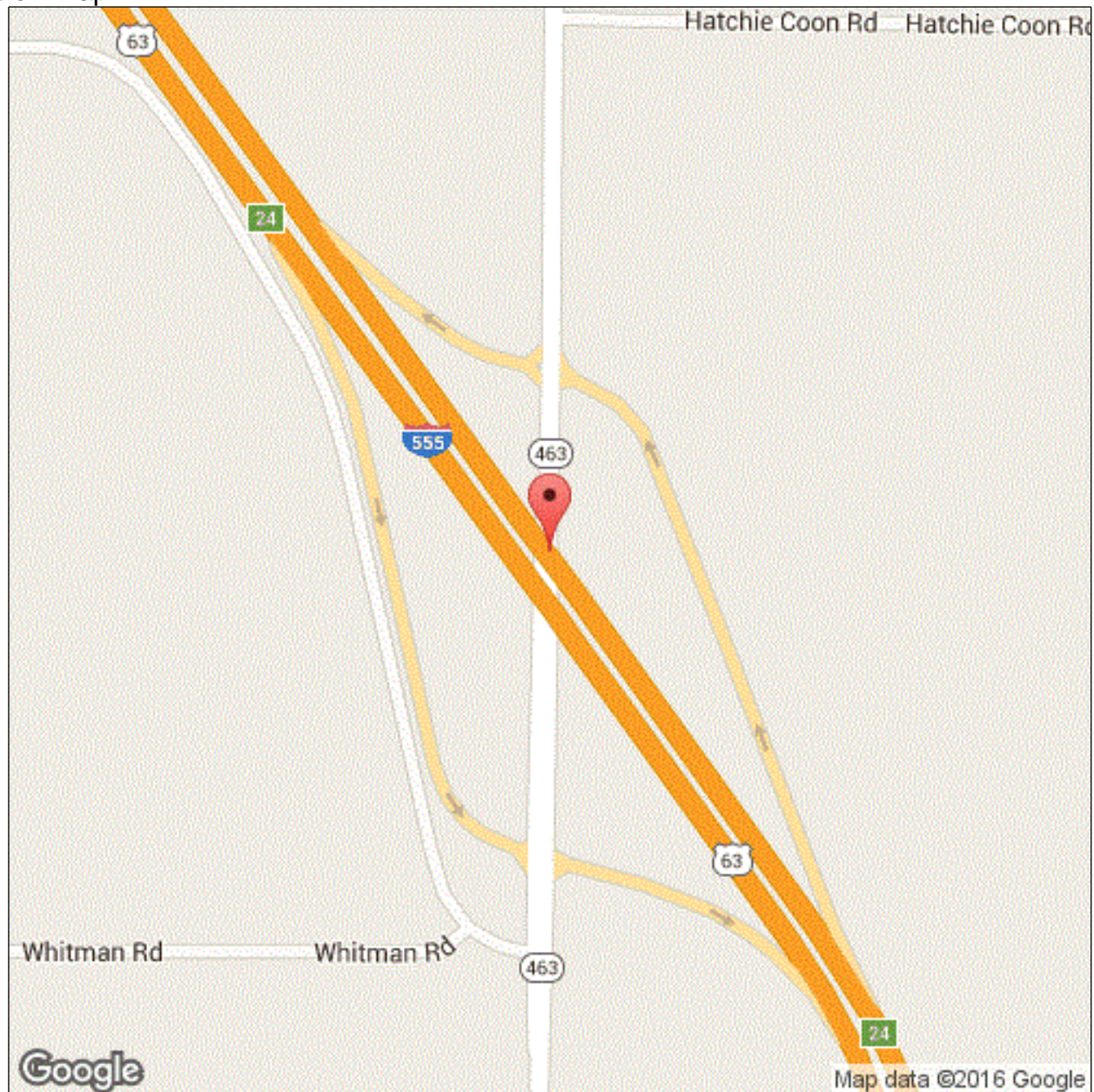
Inspection Date:

Structure Number: B6337

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

Bridge Inspection Report

Location Map



Latitude: 35.63060

Longitude: -90.50051

Inspector:

Inspection Date:

Structure Number: B6337

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

Bridge Inspection Report

Executive Summary

Inspector:

Structure Number: B6337

Inspection Date:

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

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				
(4) PLACE CODE	00000						
(6) FEATURES INTERSECTED	SH 463						
(7) FACILITY CARRIED	I-555-02NB-LM23.73						
(9) LOCATION	2.5 MI S AT TRUMANN						
(11) MILEPOINT	23.73	(12) BASE HIGHWAY NETWORK	1				
(13A) LRS INVENTORY ROUTE	0000063080		(13B) SUBROUTE NUMBER	00			
(16) LATITUDE	35.63060	(17) LONGITUDE	-90.50051				
(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:	4 - Steel continuous			(59) SUPERSTRUCTURE	7	(60) SUBSTRUCTURE	8
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder			(61) CHANNEL & CHANNEL PROTECTION	N	(62) CULVERT	N
(44) STRUCTURE TYPE, APPROACH SPANS				LOAD RATING AND POSTING			
A) KIND OF MATERIAL/DESIGN:	0 - Other			(31) DESIGN LOAD	5		
B) TYPE OF DESIGN/CONSTR:	00 - Other			(63) METHOD USED TO DETERMINE OPERATING RATING	1		
(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				APPRAISAL			
(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						
(109) AVERAGE DAILY TRUCK TRAFFIC	1						
GEOMETRIC DATA				CLASSIFICATION			
(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						
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8						
(32) APPROACH ROADWAY WIDTH (ft.)	40.0						
(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						
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99						
(54) VERTICAL UNDER CLEARANCE (ft.)	H		17.08				
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	H		6.6				
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0						
PROPOSED IMPROVEMENTS				NAVIGATION DATA			
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY			(38) NAVIGATION CONTROL	N		
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0			(111) PIER OR ABUTMENT PROTECTION	5		
(94) BRIDGE IMPROVEMENT COST (\$)	0			(39) NAV VERT CLEARANCE (ft.)	0		
(95) ROADWAY IMPROVEMENT COST (\$)	0			(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0		
(96) TOTAL PROJECT COST	0			(40) NAV HORIZONTAL CLEARANCE (ft.)	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE							
(114) FUTURE ADT	6830	(115) YEAR OF FUTURE ADT	2028				

Inspector:

Inspection Date:

Structure Number: B6337

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

Bridge Inspection Report

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

Inspector:

Inspection Date:

Structure Number: B6337

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

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.	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			

Inspector:

Inspection Date:

Structure Number: B6337

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

Bridge Inspection Report

Pictures

Inspector:

Inspection Date:

Structure Number: B6337

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

Bridge Inspection Report

Sketches

Inspector:

Structure Number: B6337

Inspection Date:

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

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:

Inspection Date:

Structure Number: B6337

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

Bridge Inspection Report

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:
