

# Bridge Inspection Report

**A6518**  
**I-40WB/Se51/234.04**  
**over**  
**Languille River**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

Structure Number: A6518

Inspection Date:

Facility Carried: I-40WB/Se51/234.04

### Bridge Inspection Report

### Location Map



Latitude: 34.989170

Longitude: -90.891968

Inspector:

Structure Number: A6518

Inspection Date:

Facility Carried: I-40WB/Se51/234.04

### Bridge Inspection Report

### Location Map



Latitude: 34.989170

Longitude: -90.891968

Inspector:

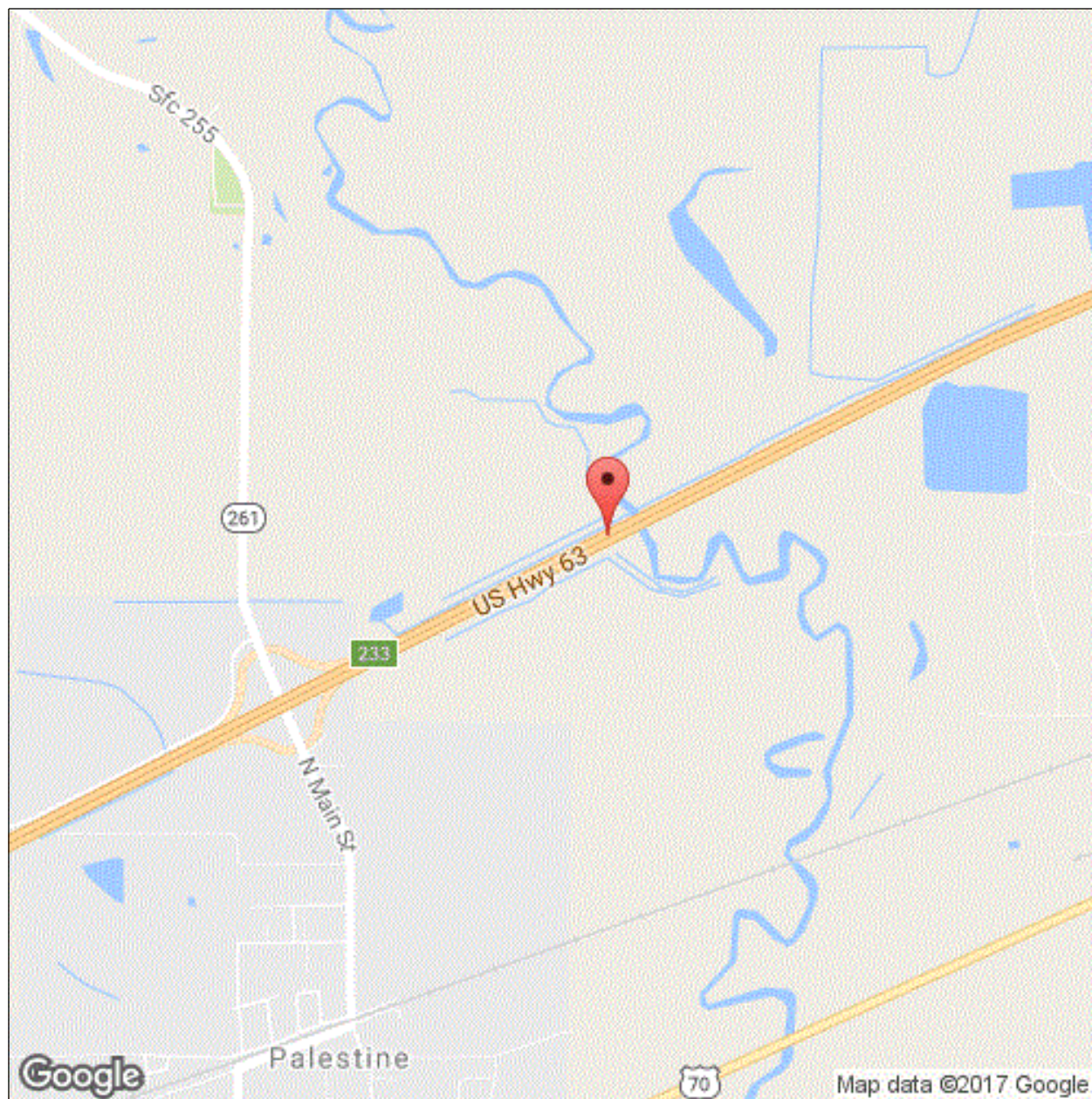
Inspection Date:

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## Bridge Inspection Report

### Location Map



Latitude: 34.989170

Longitude: -90.891968

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## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	01/29/2019
(8) STRUCTURE NUMBER	A6518	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 1 1 40 4	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	01 (3) COUNTY CODE 123	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Languille River	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	I-40WB/Se51/234.04		
(9) LOCATION	.82 Miles Ne Of Sh 261		
(11) MILEPOINT 234.040	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000040510 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE	34.989170 (17) LONGITUDE -90.891968		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	6
A) KIND OF MATERIAL/DESIGN:	4 - Steel continuous	(59) SUPERSTRUCTURE	8 (60) SUBSTRUCTURE 8
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder	(61) CHANNEL & CHANNEL PROTECTION	8 (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	7 (46) NUMBER OF APPROACH		
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE		
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1997 (106) YEAR RECONSTRUCTED	(31) DESIGN LOAD	6
(42) TYPE OF SERVICE	ON 1 UNDER 5	(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES	ON 02 UNDER 00	(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC	57311 (19) BYPASS DETOUR LENGTH	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(66) INVENTORY RATING	36.0
(109) AVERAGE DAILY TRUCK TRAFFIC	51	(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.)	150 (49) STRUCTURE LENGTH (ft.)	(67) STRUCTURAL EVALUATION	8
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(68) DECK GEOMETRY	7
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8	(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	36A) BRIDGE RAILINGS:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	40.0	36B) TRANSITIONS:	1
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	36C) APPROACH GUARDRAIL:	1
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	SUFFICIENCY RATING	85.0 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	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	19965 (115) YEAR OF FUTURE ADT	(103) TEMP STRUCTURE	
	2028	(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	0
		(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

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### Bridge Inspection Report

## Maintenance Needs

Date Reported: 1/3/2013 12:00:00 AM

Priority: C - Important

Work Code: N/A

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### Deficiency Description:

Deck has transverse and longitudinal cracks open and sealed spaced three feet apart.

### Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Stage: Monitor



PHOTO 1 Description

Stage: Monitor



PHOTO 2 Description

Inspector:

Structure Number: A6518

Inspection Date:

Facility Carried: I-40WB/Se51/234.04

### Bridge Inspection Report

#### Maintenance Needs

**Date Reported:** 1/7/2015 12:00:00 AM

**Priority:** D - Routine

**Work Code:** N/A

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**Deficiency Description:**

Span #3 girder #2 second diaphragm lower left bolts are loose.

**Work Description:**

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**Date Repairs Completed:**

**Maintenance Comments:**

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### Bridge Inspection Report

#### Maintenance Needs

Date Reported: 1/7/2015 12:00:00 AM

Priority: C - Important

Work Code: N/A

---

#### Deficiency Description:

All approach slabs have unsealed transverse and longitudinal cracks.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Monitor



PHOTO 1 Description

Stage: Monitor



PHOTO 2 Description

Inspector:

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### Bridge Inspection Report

#### Maintenance Needs

Date Reported: 1/7/2015 12:00:00 AM

Priority: C - Important

Work Code: N/A

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#### Deficiency Description:

Both gutters have large amounts of debris.

#### Work Description:

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#### Date Repairs Completed:

#### Maintenance Comments:

---

#### Stage: Monitor



PHOTO 1 Description

Inspector:

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## Bridge Inspection Report

### Maintenance Needs

Date Reported: 01/29/2019

Priority: D - Routine

Work Code: N/A

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#### Deficiency Description:

Small trees and vegetation are growing beside and under bridge.

#### Work Description:

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#### Date Repairs Completed:

#### Maintenance Comments:

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#### Stage: Open



PHOTO 1      Description      Small trees and vegetation are growing beside and under bridge.

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#### Maintenance Needs

Date Reported: 01/29/2019

Priority: C - Important

Work Code: N/A

---

#### Deficiency Description:

Abutment #1 right and left travel lanes and right shoulder have road iron removed on approach side and joint has been turned into a poured seal with a few feet on left with loss of adhesion.

Abutment #2 right lane joint armor on back wall removed, and turned into a pourable joint with loss of adhesion.

#### Work Description:

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Date Repairs Completed:

Maintenance Comments:

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