

Bridge Inspection Report

03199
SH 35-09 LM 2.47
over
Big Bayou



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

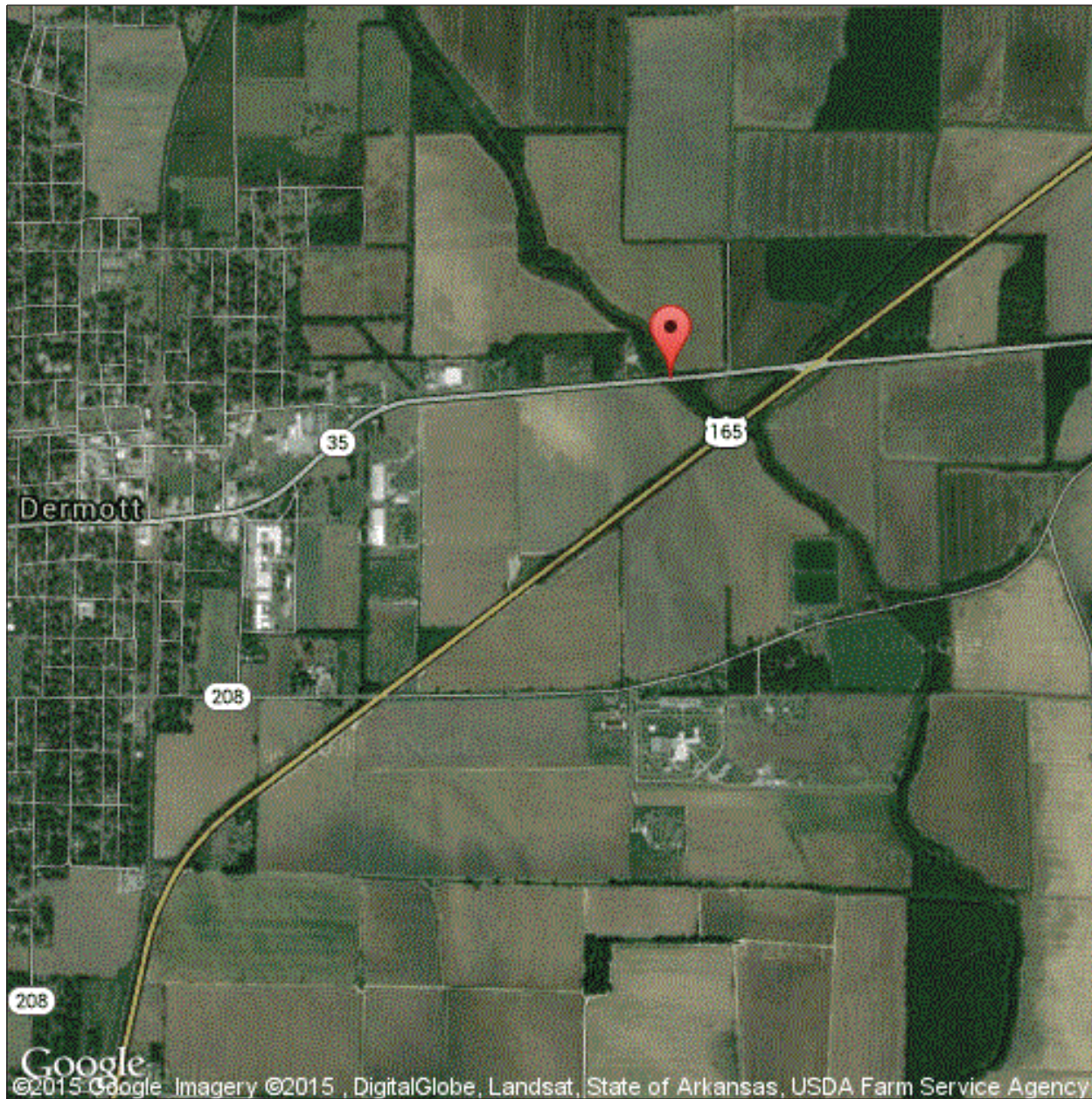
Structure Number: 03199

Inspection Date:

Facility Carried: SH 35-09 LM 2.47

Bridge Inspection Report

Location Map



Latitude: 33.52957823087309

Longitude: -91.41293495532432

Inspector:

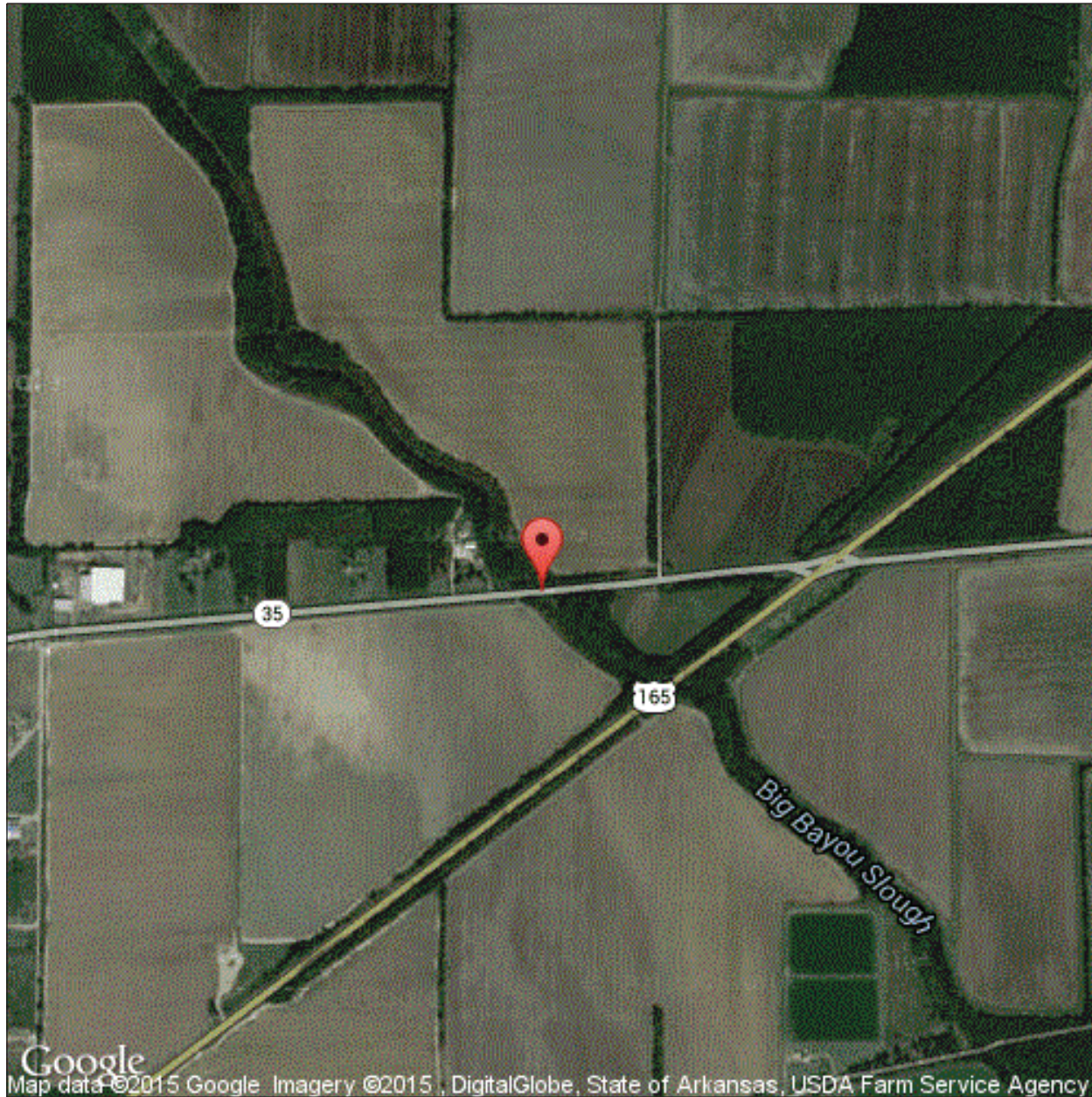
Structure Number: 03199

Inspection Date:

Facility Carried: SH 35-09 LM 2.47

Bridge Inspection Report

Location Map



Latitude: 33.52957823087309

Longitude: -91.41293495532432

Inspector:

Structure Number: 03199

Inspection Date:

Facility Carried: SH 35-09 LM 2.47

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	04/07/2015
(8) STRUCTURE NUMBER	03199	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 35 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02 (3) COUNTY CODE 017	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Big Bayou	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 35-09 LM 2.47		
(9) LOCATION	0.3 Mi W US 165-Dermont		
(11) MILEPOINT 2.470	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000035090 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 33.	(17) LONGITUDE -91.41293495532432		
	52957823087309		
(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: 1 - Concrete		(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 6
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(61) CHANNEL & CHANNEL PROTECTION	7 (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 5	(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 1963	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	4
(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
(29) AVERAGE DAILY TRAFFIC 5100	(19) BYPASS DETOUR LENGTH 4	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	36
(109) AVERAGE DAILY TRUCK TRAFFIC 1		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 30	(49) STRUCTURE LENGTH (ft.) 150	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 1.5	RIGHT 1.5	(68) DECK GEOMETRY	2
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	25.9	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	31.5	(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.)	24.0	(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 45	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	36A) BRIDGE RAILINGS:	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	25.9	36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	36C) APPROACH GUARDRAIL:	0
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	36D) APPROACH GUARDRAIL ENDS:	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	SUFFICIENCY RATING	2 STATUS 76.2
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED 31	(75B) WORK DONE BY 1	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	180	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(95) ROADWAY IMPROVEMENT COST (\$)	265	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	948	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE	2003	(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 5484	(115) YEAR OF FUTURE ADT 2028	(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	0
		(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

Inspection Date:

Facility Carried: SH 35-09 LM 2.47

Element Inspection

[illegible]

Inspector:

Inspection Date:

Structure Number: 03199

Facility Carried: SH 35-09 LM 2.47

Bridge Inspection Report

Pictures



No overlay on the bridge.



Inspector:

Structure Number: 03199

Inspection Date:

Facility Carried: SH 35-09 LM 2.47

Bridge Inspection Report

Maintenance Needs

Date Reported: 4/13/2011 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

Caps:

Spalling at keyways, especially Bent 3 back right side and Bent 5 back right side.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 4/13/2011 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

Cap – Bent 5:

Spalling with steel exposed (some section loss) on bottom of cap just right of Pile 4. (5')

See photos.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 4/13/2011 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Approach roadway – Bent 1 right:

Roadway is higher than bridge deck on west end, causing traffic to “fall off” and impact deck of bridge coming onto it.

See photo.

Work Description:

Date Repairs Completed: 04/06/2015

Maintenance Comments:

Inspector:

Structure Number: 03199

Inspection Date:

Facility Carried: SH 35-09 LM 2.47

Bridge Inspection Report

Maintenance Needs

Date Reported: 4/13/2011 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Joints – all bents:

Joints are filled with dirt and debris and have no joint material in place.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 4/13/2011 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Deck – Span 1 left:

One very small spall with reinforcing steel showing in left (outer) wheel rut.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 4/13/2011 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Deck – Span 4 right:

Shallow spalling in patches with a couple of bars of reinforcing steel showing in right (outer) wheel rut.

See photos.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

Structure Number: 03199

Inspection Date:

Facility Carried: SH 35-09 LM 2.47

Bridge Inspection Report

Maintenance Needs

Date Reported: 4/13/2011 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

Deck – all spans:

A number of unsealed, minor- to moderate-sized longitudinal or diagonal cracks.

Work Description:

Date Repairs Completed:

Maintenance Comments:
