

# Bridge Inspection Report

**M1911**  
**SH 130-06 LM 24.04**  
**over**  
**Holt Branch**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

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Inspector:

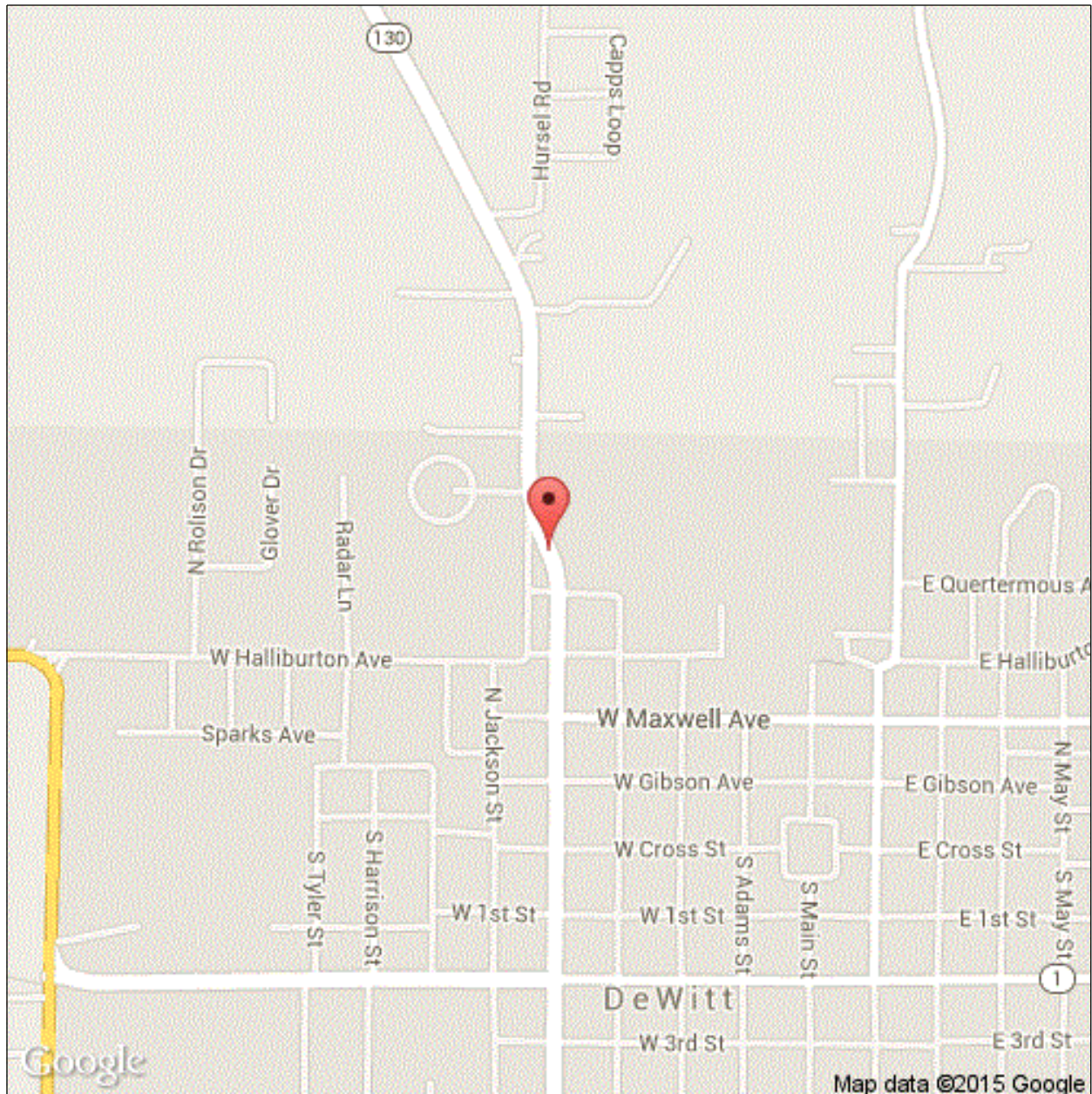
Structure Number: M1911

Inspection Date:

Facility Carried: SH 130-06 LM 24.04

## Bridge Inspection Report

### Location Map



Latitude: 34.30017325519506

Longitude: -91.34025212764743



Inspector:

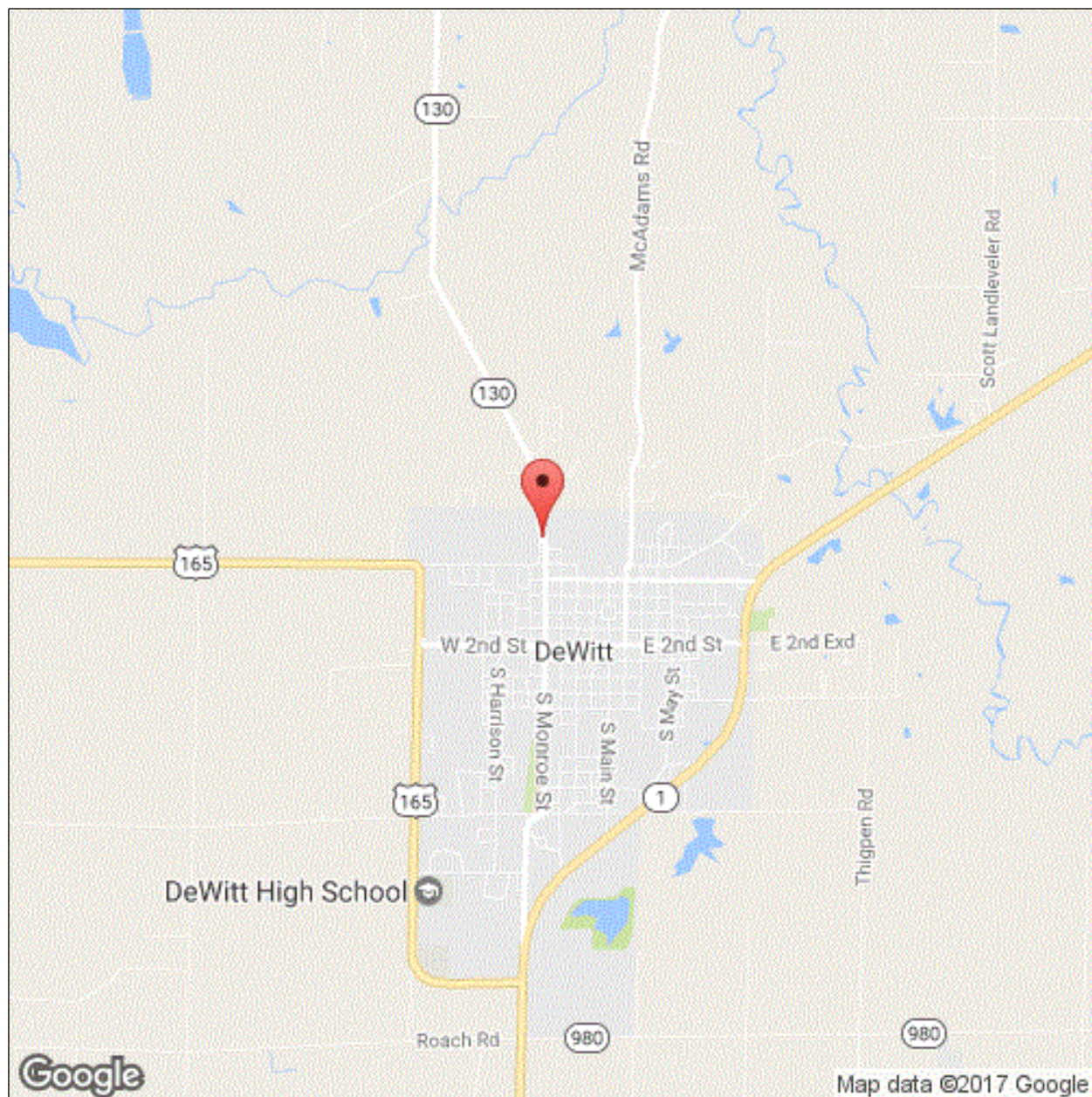
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### Executive Summary

Bridge is logged from north to south.

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## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	04/17/2017
(8) STRUCTURE NUMBER	M1911	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 130 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02	(3) COUNTY CODE	001
(4) PLACE CODE	18420	A. FRACTURE CRITICAL DETAIL	N
(6) FEATURES INTERSECTED	Holt Branch	B. UNDERWATER INSPECTION	N
(7) FACILITY CARRIED	SH 130-06 LM 24.04	C. OTHER SPECIAL	N
(9) LOCATION	0.3 Mi N SH 152-DeWitt	CONDITION	
(11) MILEPOINT	24.040	(58) DECK	N
(12) BASE HIGHWAY NETWORK	0	(59) SUPERSTRUCTURE	N
(13A) LRS INVENTORY ROUTE	0000000000	(60) SUBSTRUCTURE	N
(13B) SUBROUTE NUMBER	00	(61) CHANNEL & CHANNEL PROTECTION	7
(16) LATITUDE	34.30017325519506	(62) CULVERT	7
(17) LONGITUDE	-91.34025212764743	LOAD RATING AND POSTING	
(98A) BORDER BRIDGE CODE		(31) DESIGN LOAD	2
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(63) METHOD USED TO DETERMINE OPERATING RATING	1
STRUCTURE TYPE AND MATERIAL		(64) OPERATING RATING	44
(43) STRUCTURE TYPE, MAIN		(65) METHOD USED TO DETERMINE INVENTORY RATING	1
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(66) INVENTORY RATING	26
B) TYPE OF DESIGN/CONSTR:	19 - Culvert (includes frame culverts)	(70) BRIDGE POSTING	5
(44) STRUCTURE TYPE, APPROACH SPANS		(41) STRUCTURE OPEN/POSTED/CLOSED	A
A) KIND OF MATERIAL/DESIGN:	0 - Other	APPRAISAL	
B) TYPE OF DESIGN/CONSTR:	00 - Other	(67) STRUCTURAL EVALUATION	6
(45) NUMBER OF SPANS IN MAIN	3	(68) DECK GEOMETRY	N
(46) NUMBER OF APPROACH	0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(107) DECK STRUCTURE TYPE	N	(71) WATERWAY ADEQUACY	6
(108A) WEARING SURFACE	N	(72) APPROACH ROADWAY ALIGNMENT	6
(108B) DECK MEMBRANE	N	(36) TRAFFIC SAFETY FEATURE	
(108C) DECK PROTECTION	N	36A) BRIDGE RAILINGS:	0
AGE OF SERVICE		36B) TRANSITIONS:	0
(27) YEAR BUILT	1950	36C) APPROACH GUARDRAIL:	0
(106) YEAR RECONSTRUCTED	0000	36D) APPROACH GUARDRAIL ENDS:	0
(42) TYPE OF SERVICE	ON 1 UNDER 5	(113) SCOUR CRITICAL BRIDGES	8
(28) LANES	ON 02 UNDER 00	SUFFICIENCY RATING	88.3
(29) AVERAGE DAILY TRAFFIC	2000	STATUS	0
(19) BYPASS DETOUR LENGTH	1	CLASSIFICATION	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(112) NBIS BRIDGE LENGTH	Y
(109) AVERAGE DAILY TRUCK TRAFFIC	1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
GEOMETRIC DATA		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(48) LENGTH OF MAX SPAN (ft.)	10	(100) STRAHNET HIGHWAY DESIGNATION	0
(49) STRUCTURE LENGTH (ft.)	33	(101) PARALLEL STRUCTURE DESIGNATION	N
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(102) DIRECTION OF TRAFFIC	2
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	0.0	(103) TEMP STRUCTURE	
(52) DECK WIDTH, OUT-TO-OUT (ft.)	0	(105) FEDERAL LANDS HIGHWAYS	0
(32) APPROACH ROADWAY WIDTH (ft.)	24.0	(110) DESIGNATED NATIONAL NETWORK	0
(33) BRIDGE MEDIAN	0	(20) TOLL	3
(34) SKEW (DEG.)	0	(21) MAINTENANCE RESPONSIBILITY	01
(35) STRUCTURE FLARED	0	(22) OWNER	01
(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	(37) HISTORICAL	5
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	99.9	NAVIGATION DATA	
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(38) NAVIGATION CONTROL	0
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(111) PIER OR ABUTMENT PROTECTION	5
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(39) NAV VERT CLEARANCE (ft.)	0
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
PROPOSED IMPROVEMENTS		(40) NAV HORIZONTAL CLEARANCE (ft.)	0
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY		
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0		
(94) BRIDGE IMPROVEMENT COST (\$)	0		
(95) ROADWAY IMPROVEMENT COST (\$)	0		
(96) TOTAL PROJECT COST	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(114) FUTURE ADT	2433		
(115) YEAR OF FUTURE ADT	2028		

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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
241 - Reinforced Concrete Culvert	1- Ben.	92	ft.	92			
Box culvert: 3 barrels @ 30.67' each. Headwalls - left and right sides: Cracking with efflorescence. Barrel 1: Some aggradation of material at inlet and outlet and throughout barrel. Barrels 2 & 3 - left (outlet) & right (inlet) ends: Minor scouring at edge of apron.							

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## Bridge Inspection Report

### Pictures

PHOTO 1

Description

PHOTO 2

Description



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## Bridge Inspection Report

Sketches

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## Bridge Inspection Report

### Maintenance Needs

Date Reported: 04/16/2015

Priority: G - General/ Preventive maintenance

Work Code: N/A

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#### Deficiency Description:

Channel – left & right sides: Minor to moderate build-up of silt inside wingwalls, restricting flow through Barrels 1 & 2.

#### Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Stage: Open



PHOTO 1      Description      Channel - right side

Stage: Assigned



PHOTO 2      Description      Channel right side. Debris and silt

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### Maintenance Needs

Date Reported: 04/16/2015

Priority: D - Routine

Work Code: N/A

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#### Deficiency Description:

Roadway slope - right side: Area of minor settlement and erosion at Barrel 3 - at edge of pavement (just outside edge line).

Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Stage: Open



PHOTO 1      Description      Roadway slope - Barrel 3 right

Stage: Monitor



PHOTO 2      Description      Roadway - Barrel 3 right: Settlement at pavement edge