



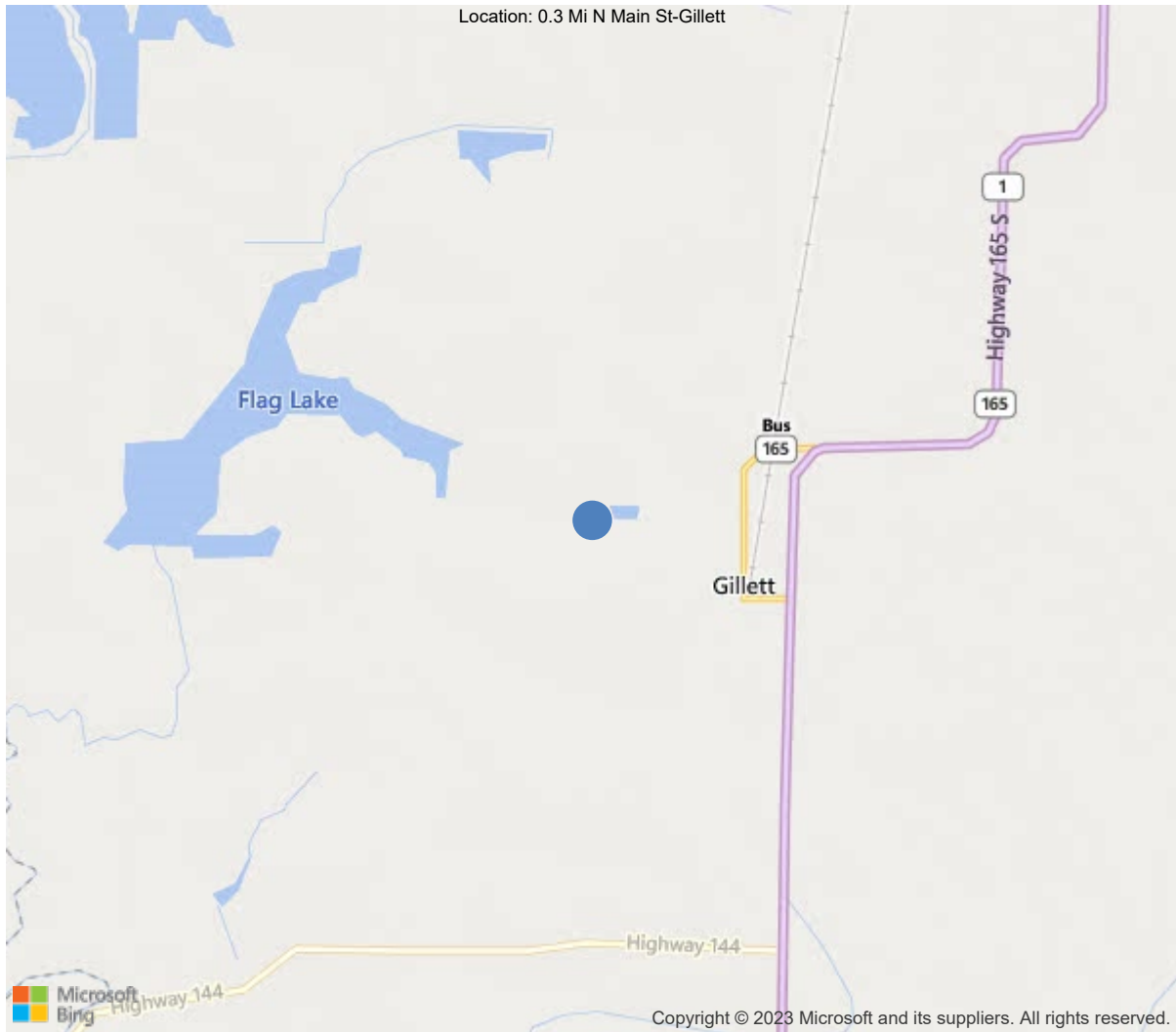
Latitude:34.12201, Longitude:-91.38925

Route:60 Section:00 Log:6.1

Arnold Road ID:1xGANDERSTREETRDx0xA, Arnold Log mile:12.173

District 02, 1 - Arkansas County

Owner: 2 - County Highway Agency



34.12201, -91.38925



**Asset #04335**(Routine, Underwater type 2)

**GanderStreetRd-CR over Flag Lake Sough**

**Location: 0.3 Mi N Main St-Gillett**

**Team Lead: Greg Loomis, Inspection Date: 03/16/2022**

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	04335
(5) Inventory Route	1
(2) Highway Agency District	02 - District 02
(3) County Code	1 - Arkansas County
(4) Place Code	0
(6) Features Intersected	Flag Lake Sough
(7) Facility Carried	GanderStreetRd-CR
(9) Location	0.3 Mi N Main St-Gillett
(11) Mile Point	6.1 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.1220121682884
(17) Longitude	-91.3892538384597
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	11
Material	1 - Concrete
Type	1 - Slab
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	3
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1 - Monolithic Concrete (concurrently pl
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1978
(106) Year Reconstructed	0
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	48
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	3 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	25 ft
(49) Structure Length	75 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	28 ft
(52) Deck Width Out to Out	30.6 ft
(32) Approach Roadway Width (W/Shoulders)	27.9 ft
(33) Bridge Median	0 - No median
(34) Skew	0 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	29.2 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	99.9 ft
Ref:	
(56) Min Lat Underclear LT	0 ft
NAVIGATION DATA	
(38) Navigation Control	0 - No navigation control on w
(111) Pier Protection	5 - None present but re-evalua
(39) Navigation Vertical Clearance	0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	0 ft
(40) Navigation Horizontal Clearance	0 ft

CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	0
(26) Functional Class	7 - Rural Major Collector
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exis
(102) Direction of Traffic	2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	0 - The inventory route is not
(20) Toll	3 - On free road. The structu
(21) Maintain	2 - County Highway Agency
(22) Owner	2 - County Highway Agency
(37) Historical Significance	4 - Historical significance is
CONDITION	
(58) Deck	6
(59) Superstructure	6
(60) Substructure	6
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	2 - M 13.5 / H 15
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	60
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	36
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	6
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	5 - Bridge foundations determined t
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 0
(96) Total Project Cost	\$ 0
(97) Year of Improvement Cost Estimate	
(114) Future ADT	219
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date	03/16/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.			



Asset **#04335**(Routine, Underwater type 2)

**District:** 02, **County:** 1 - Arkansas County

**Team Lead:** Greg Loomis, **Inspection Date:** 03/16/2022

#### General Observation

Bridge is logged from south to north.

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#### A-46 - Asset Files

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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	2300	0	2025	275	0
1130	Cracking (RC and Other)	SF	2300	0	2025	275	0
(38) Deck: 30'-8" wide x 75' long = 2300 sqft. All spans: Scattered minor- to moderate-size longitudinal and transverse cracking, heaviest close to bents (heaviest at Bents 1 & 2). Light map-cracking throughout deck surface. Soffit: Hairline-sized cracks throughout most of spans.							
215	Reinforced Concrete Abutment	LF	94	0	0	94	0
1130	Cracking (RC and Other)	LF	94	0	0	94	0
(215) Abutments: 31' each (with approximate 8' wings each corner) / Bents 1 & 4. Both abutments have moderate-sized horizontal and map cracking across the entire face.							
227	Reinforced Concrete Pile	EA	8	0	4	4	0
1190	Abrasion/Wear (PSC/RC)	EA	8	0	4	4	0
(227) Piling: 4 per bent / Bents 2-3. Bent 2: Some moderate abrasive wear - loss of mortar and a few aggregates - CS3 abrasive wear x 4. Bent 3: Some minor abrasive wear - loss of mortar - CS2 abrasive wear x 4.							
234	Reinforced Concrete Pier Cap	LF	62	0	31	31	0
1130	Cracking (RC and Other)	LF	62	0	31	31	0
(234) Caps: 31' each / Bents 2-3. Both caps have horizontal and vertical crack along the entire face.							
301	Pourable Joint Seal	LF	62	0	31	31	0
2320	Seal Adhesion	LF	62	0	31	31	0
(301) Joints: 31' each / Bents 2-3. Poured joint material is mostly intact but has lost adhesion in many places, allowing stormwater to leak through joint and onto cap and end of slabs.							
331	Reinforced Concrete Bridge Railing	LF	150	150	0	0	0
(331) Railing: 75' each side. Horizontal cracking on top of walls.							

**Location: 0.3 Mi N Main St-Gillett**

**Team Lead:** Greg Loomis, **Inspection Date:** 03/16/2022

## Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	2300	0	2025	275	0
1130	Cracking (RC and Other)	SF	2300	0	2025	275	0
(38) Deck: 30'-8" wide x 75' long = 2300 sqft. All spans: Scattered minor- to moderate-size longitudinal and transverse cracking, heaviest close to bents (heaviest at Bents 1 & 2). Light map-cracking throughout deck surface. Soffit: Hairline-sized cracks throughout most of spans.							



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## Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

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### Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Left side view



Roadway view



Deck - Spans 1-3: Typical



Soffit - Span 2: Typical



Piling - Bent 2: Abrasive wear

**Maintenance Needs**

**Date Reported:** 03/17/2022

**Priority:** (Inactive) (Inactive) G - General/  
Preventive maintenance

**Status:** Open

**Type of Work:** (Inactive) (Inactive) 1 - Clean

**Component:** Deck

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**Deficiency Description**

Gutter-lines - both sides: Build-up of dirt, sand, and other debris blocking drains and restricting stormwater from flowing off bridge.

**Remarks**

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Gutter-line - left side: Debris build-up



Gutter-line - right side: Debris build-up

**Maintenance Needs**

**Date Reported:** 03/16/2022

**Priority:** (Inactive) (Inactive) G - General/  
Preventive maintenance

**Status:** Open

**Type of Work:** (Inactive) (Inactive) 1 - Clean

**Component:** Channel

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**Deficiency Description**

Channel - Bent 3 left: Bush/small tree growing up close to Pile 1.

**Remarks**

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Channel - Bent 3 left: Vegetation

**Maintenance Needs**

**Date Reported:** 03/17/2022

**Priority:** D- Routine

**Type of Work:** Repair (General)

**Status:** Open

**Component:** Approach

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**Deficiency Description**

Approach roadway - Bent 4 left: Some erosion with a hole beginning to wash out just inside parapet railing. Stormwater seems to be flowing through hole and eroding material at bridge end and on end slope.

**Remarks**

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Approach roadway - Bent 4 left: Erosion



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## **Routine Maintenance**

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	
A-55 - Deck Washing Needed	
A-56 - Joint Cleaning/Flushing Needed	
A-57 - Beam End and Bearing Paint Needed	
A-58 - Cap Cleaning/Flushing Needed	
A-59 - Joint Repair Needed	
A-60 - Full Beam Painting Needed	
A-61 - Polymer Overlay Advised	
A-62 - Hydro and LMC Advised	



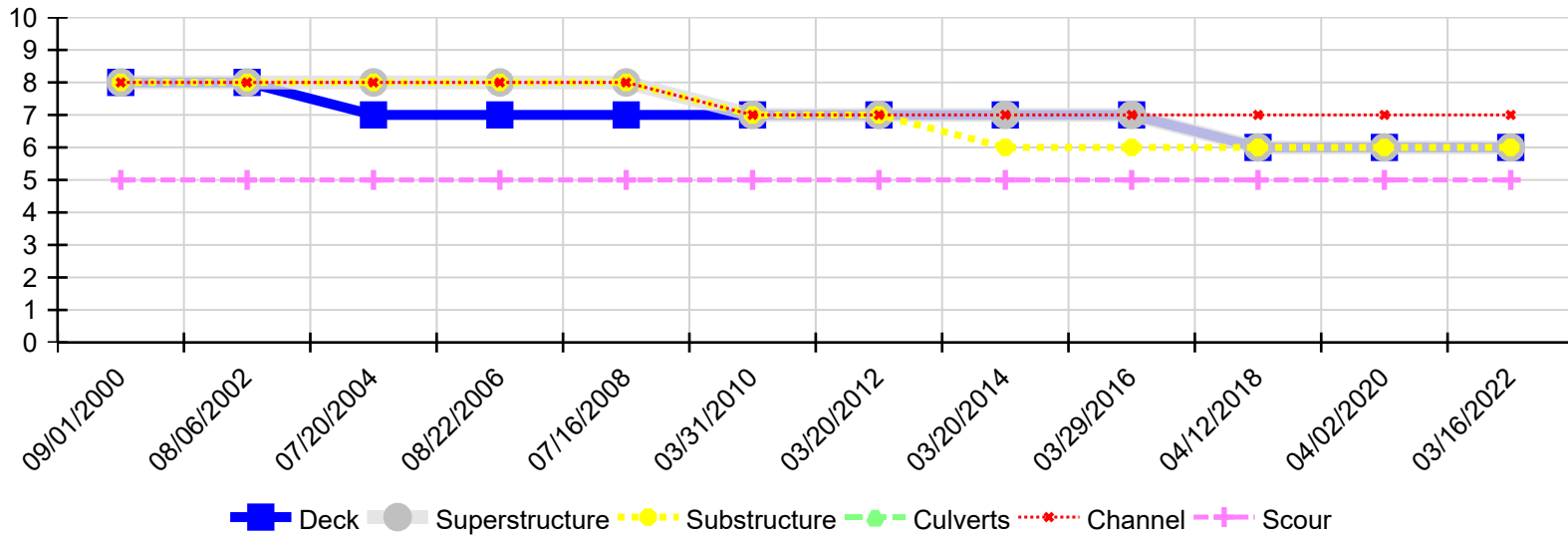
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Location: 0.3 Mi N Main St-Gillett

Team Lead: Greg Loomis, Inspection Date: 03/16/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
03/16/2022	6	6	6	N	7	5
04/02/2020	6	6	6	N	7	5
04/12/2018	6	6	6	N	7	5
03/29/2016	7	7	6	N	7	5
03/20/2014	7	7	6	N	7	5
03/20/2012	7	7	7	N	7	5
03/31/2010	7	7	7	N	7	5
07/16/2008	7	8	8	N	8	5
08/22/2006	7	8	8	N	8	5
07/20/2004	7	8	8	N	8	5
08/06/2002	8	8	8	N	8	5
09/01/2000	8	8	8	N	8	5