



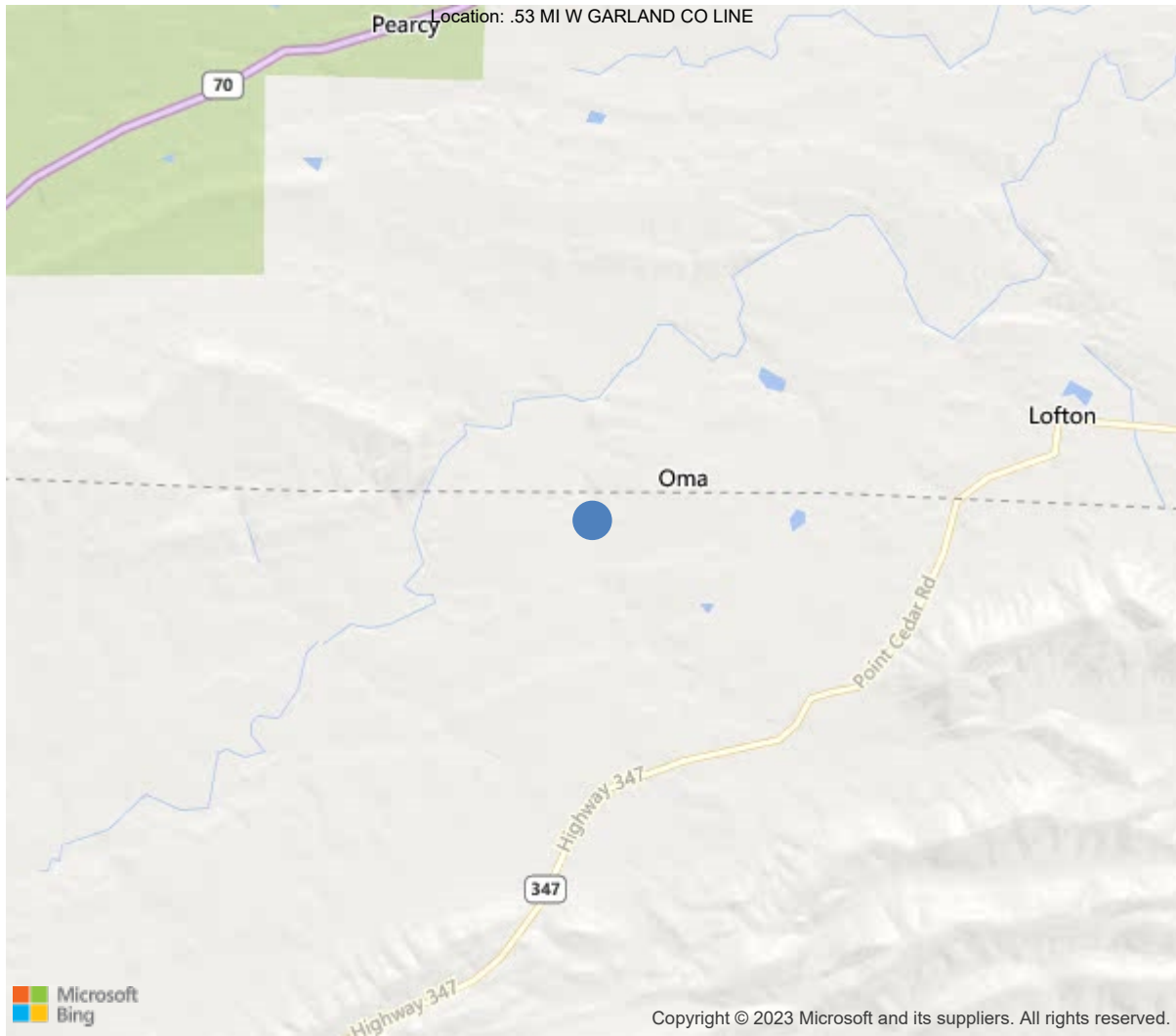
Latitude:34.39293, Longitude:-93.27256

Route:2 Section:00 Log:7.639

Arnold Road ID:30xAMITYRDx1xA, Arnold Log mile:0.325

District 06, 59 - Hot Spring County

Owner: 2 - County Highway Agency



34.39293, -93.27256





Asset #04603(Routine)

CR 2-AMITY RD over CLEAR CREEK

Location: .53 MI W GARLAND CO LINE

Team Lead: Shane Byrd, Inspection Date: 03/02/2021

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	04603
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	59 - Hot Spring County
(4) Place Code	0
(6) Features Intersected	CLEAR CREEK
(7) Facility Carried	CR 2-AMITY RD
(9) Location	.53 MI W GARLAND CO LINE
(11) Mile Point	7.639 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.392925
(17) Longitude	-93.27256
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1 - Concrete
Type	22 - Channel beam
(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	2 - Concrete Precast Panels
(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	1989
(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	1339
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	31 ft
(49) Structure Length	93 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	24.5 ft
(52) Deck Width Out to Out	27 ft
(32) Approach Roadway Width (W/Shoulders)	24 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	25.9 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	0 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	7
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	5 - MS 18 / HS 20
(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	7
(68) Deck Geometry	5
(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	8 - 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	497
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date	03/02/2021		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
<p>* 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.</p>			



Asset #04603(Routine)

District: 06, County: 59 - Hot Spring County

Team Lead: Shane Byrd, Inspection Date: 03/02/2021

**General Observation (False)**

Log mile going East

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**58 - Deck (7)**

Unit 6 in both spans 1 & 2 have a crack on the ahead, right corner.

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**59 - Superstructure (7)**

All units have small flexure cracks on bottoms of legs.

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**60 - Substructure (7)**

No noted deficiencies.

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**A-46 - Asset Files**

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CR 2-AMITY RD over CLEAR CREEK

Location: .53 MI W GARLAND CO LINE

Team Lead: Shane Byrd, Inspection Date: 03/02/2021

## Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

### 58 - Deck (7)

Comment: Unit 6 in both spans 1 & 2 have a crack on the ahead, right corner.



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## Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

### 59 - Superstructure (7)

Comment: All units have small flexure cracks on bottoms of legs.



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## Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

### 60 - Substructure (7)

Comment: No noted deficiencies.





Elevation.



Span 1 unit 6 has crack in the ahead right corner common span 2.



Deck overview.



Span 2 unit 1 left leg has flexure cracks.





Approach Eastbound.



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## **Maintenance Needs**



**Asset #04603(Routine)**

**CR 2-AMITY RD over CLEAR CREEK**

**Location: .53 MI W GARLAND CO LINE**

**Team Lead: Shane Byrd, Inspection Date: 03/02/2021**

## **Routine Maintenance**

Check Box Maintenance Items

<b>Type of Maintenance</b>	<b>Is recommended?</b>
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	



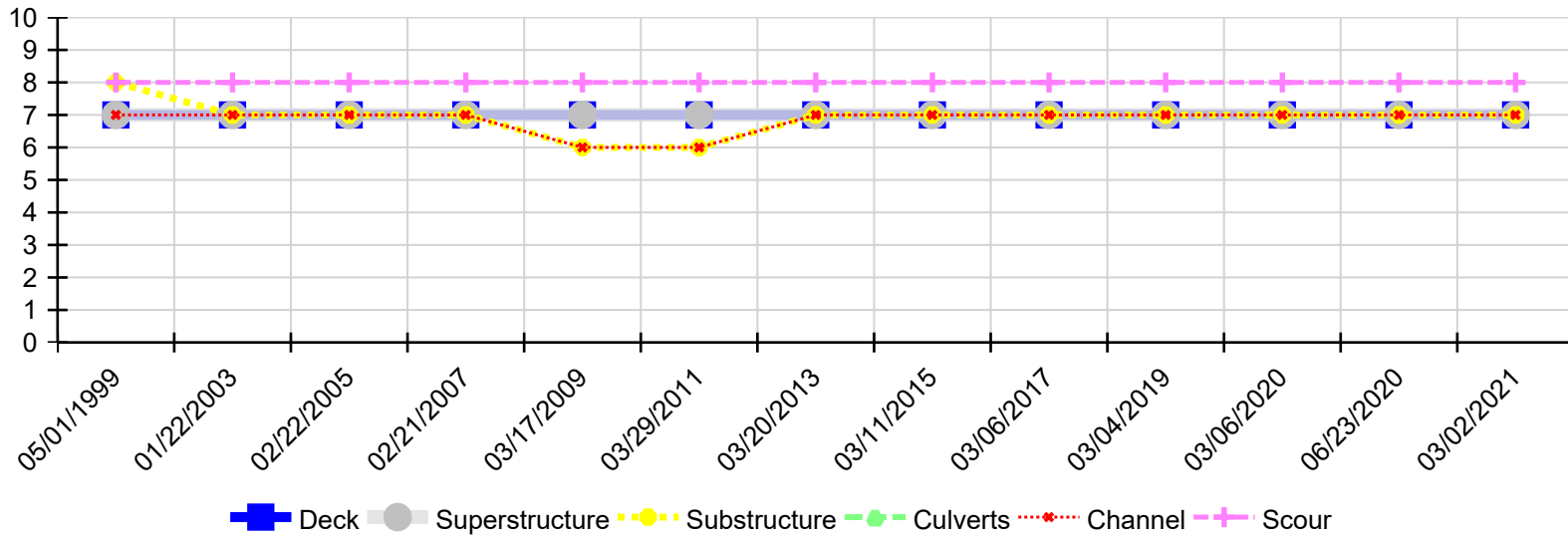
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Location: .53 MI W GARLAND CO LINE

Team Lead: Shane Byrd, Inspection Date: 03/02/2021

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
03/02/2021	7	7	7	N	7	8
06/23/2020	7	7	7	N	7	8
03/06/2020	7	7	7	N	7	8
03/04/2019	7	7	7	N	7	8
03/06/2017	7	7	7	N	7	8
03/11/2015	7	7	7	N	7	8
03/20/2013	7	7	7	N	7	8
03/29/2011	7	7	6	N	6	8
03/17/2009	7	7	6	N	6	8
02/21/2007	7	7	7	N	7	8
02/22/2005	7	7	7	N	7	8
01/22/2003	7	7	7	N	7	8
05/01/1999	7	7	8	N	7	8