



Latitude:36.17444, Longitude:-90.61260

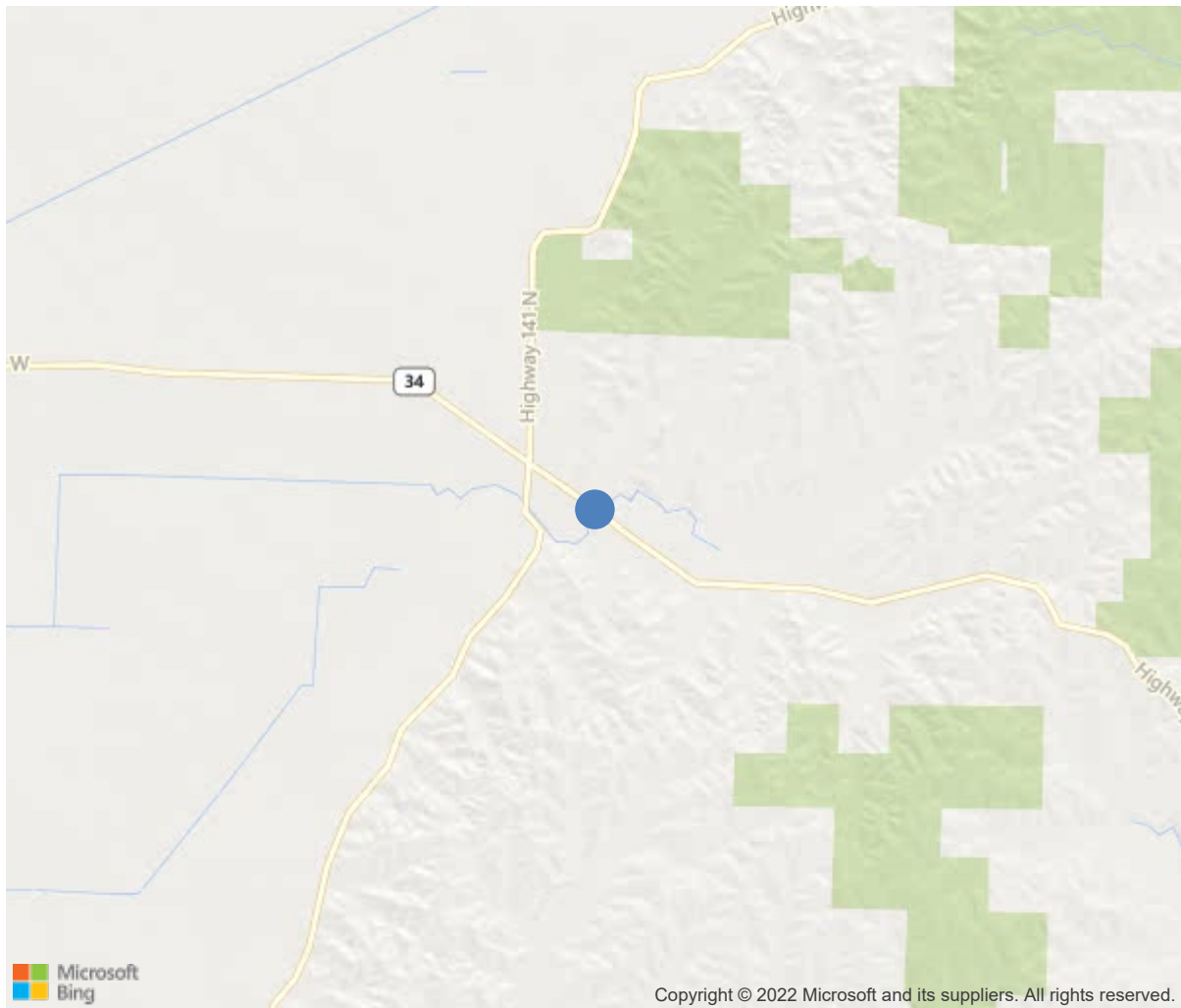
Route:34 Section:03 Log:9.75

Arnold Road ID:28x34x3xA, Arnold Log mile:9.718

District 10, Greene County

Owner: 1-State Highway Agency

0.5 MI SE BEECH GROVE



36.17444, -90.61260

Inspection Direction : W to E



Bridge #06253(Routine)

SH 34-03- LM 9.75 over LICK CREEK

Location: 0.5 MI SE BEECH GROVE

Team Lead: Tim Myrick Inspection Date: August 16, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06253
(5) Inventory Route	34
(2) Highway Agency District	10
(3) County Code	55-Greene County, Arkansas
(4) Place Code	0
(6) Features Intersected	LICK CREEK
(7) Facility Carried	SH 34-03- LM 9.75
(9) Location	0.5 MI SE BEECH GROVE
(11) Mile Point	9.75 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	36.17444
(17) Longitude	-90.6126
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	42
Material	4-Steel continuous
Type	2-Stringer/Multi-beam or girder
(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 placed
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1997
(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	680
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	11 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	36 ft
(49) Structure Length	107 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	30 ft
(52) Deck Width Out to Out	32.8 ft
(32) Approach Roadway Width (W/Shoulders)	34.1 ft
(33) Bridge Median	0-No median
(34) Skew	0 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	31.2 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 water
(111) Pier Protection	1-Navigation protection not requ
(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 a S
(101) Parallel Structure	N-No parallel structure exists.
(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 part of
(20) Toll	3-On free road. The structure is toll-
(21) Maintain	1-State Highway Agency
(22) Owner	1-State Highway Agency
(37) Historical Significance	5-Bridge is not eligible for the NRHP
CONDITION	
(58) Deck	7
(59) Superstructure	8
(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	3
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	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1-Inspected feature meets currently a
(36B) Transitions	0-Inspected feature does not meet cur
(36C) Approach Guardrail	0-Inspected feature does not meet cur
(36D) Approach Guardrail Ends	0-Inspected feature does not meet cur
(113) Scour Critical Bridges	5-Bridge foundations determined to be
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	1178
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	08/2021		
(91) Frequency	24 Months		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	No		
* 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.			



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Location: 0.5 MI SE BEECH GROVE

Team Lead: Tim Myrick, Inspection Date: August 16, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	3513	2816	665	32	0
1120	Efflorescence/Rust Staining	SF	32	0	0	32	0
1130	Cracking (RC and Other)	SF	665	0	665	0	0
107	Steel Open Girder/Beam	LF	525	525	0	0	0
515	Steel Protective Coating	SF	4117	4117	0	0	0
215	Reinforced Concrete Abutment	LF	84	84	0	0	0
225	Steel Pile	EA	10	0	10	0	0
1000	Corrosion	EA	10	0	10	0	0
515	Steel Protective Coating	SF	141	0	141	0	0
3440	Effectiveness (Steel Protective Coatings)	SF	141	0	141	0	0
234	Reinforced Concrete Pier Cap	LF	64	64	0	0	0
313	Fixed Bearing	EA	10	10	0	0	0
321	Reinforced Concrete Approach Slab	SF	1752	1417	320	15	0
1130	Cracking (RC and Other)	SF	335	0	320	15	0
331	Reinforced Concrete Bridge Railing	LF	214	214	0	0	0















**Bridge #06253**(Routine)  
**SH 34-03- LM 9.75 over LICK CREEK**  
**Location: 0.5 MI SE BEECH GROVE**

**Team Lead:** Tim Myrick **Inspection Date:** August 16, 2021

## Maintenance Needs

**Date Reported:** 08/15/2011  
**Priority:** D- Routine  
**Type of Work:** Repair  
**Status:** Monitor  
**Component:** Deck

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## Deficiency Description

Insignificant size and density cracks in top of deck.

## Remarks

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**Location: 0.5 MI SE BEECH GROVE**

**Team Lead:** Tim Myrick **Inspection Date:** August 16, 2021

**Date Reported:** 08/15/2011  
**Priority:** D- Routine  
**Type of Work:** Repair  
**Status:** Monitor  
**Component:** Approach

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**Deficiency Description**

Minor size and insignificant density cracks in approach slabs.

**Remarks**

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**Bridge #06253**(Routine)  
**SH 34-03- LM 9.75 over LICK CREEK**  
**Location: 0.5 MI SE BEECH GROVE**

**Team Lead:** Tim Myrick **Inspection Date:** August 16, 2021

**Date Reported:** 08/15/2011  
**Priority:** D- Routine  
**Type of Work:** Repair  
**Status:** Monitor  
**Component:** Substructure

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**Deficiency Description**

Steel shell pilings are rusted with light pitting.

**Remarks**

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**SH 34-03- LM 9.75 over LICK CREEK**  
**Location: 0.5 MI SE BEECH GROVE**

**Team Lead:** Tim Myrick **Inspection Date:** August 16, 2021

**Date Reported:** 08/08/2013  
**Priority:** D- Routine  
**Type of Work:** Clean  
**Status:** Monitor  
**Component:** Channel

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**Deficiency Description**

Channel has a small drift on Bent 3

**Remarks**

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#### **Deck Notes**

Approach slabs have moderate width cracks.  
Deck has moderate width cracks.

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#### **Superstructure Notes**

Weathering steel girders are in good condition with dark brown color.

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#### **Substructure Notes**

Bent 2 & 3 steel shell piles and encasements at bent 3 are rusted with light pitting.  
Small drift on bent 3.