



Latitude:34.55628, Longitude:-92.56676

Route:35 Section:01 Log:2.66

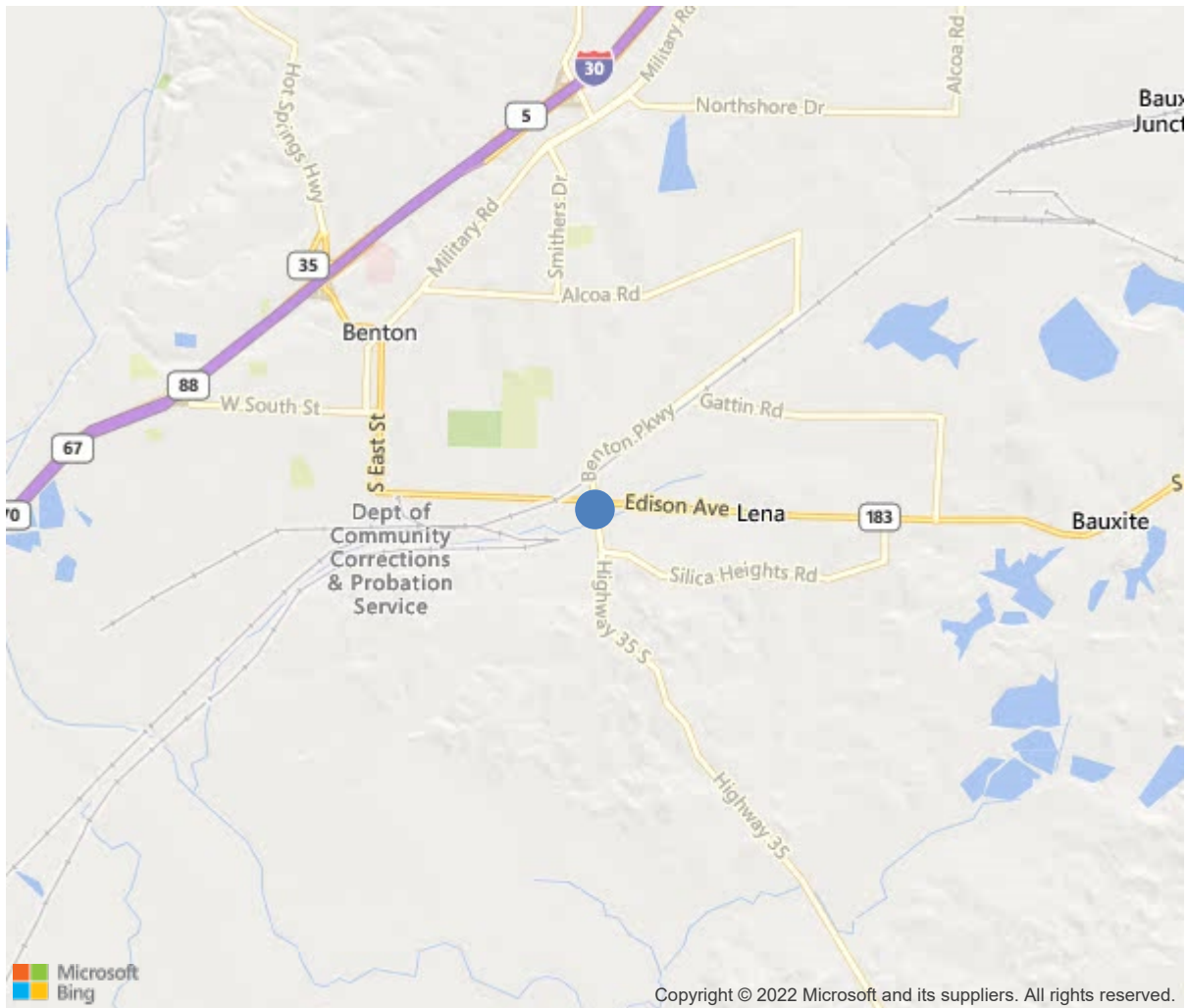
Arnold Road ID:62x35x1xA, Arnold Log mile:2.658

District 06, Saline County

Owner: 1-State Highway Agency

Place Code: 05290 - Benton

0.02 M S JCT SH 35 & 183



34.55628, -92.56676

Inspection Direction : N to S





Bridge #07089(Routine, Underwater type 2)

SH 35 Log 2.66 over DEPOT CREEK

Location: 0.02 M S JCT SH 35 & 183

Team Lead: Chris Doggett Inspection Date: April 14, 2022

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	07089
(5) Inventory Route	35
(2) Highway Agency District	06
(3) County Code	125-Saline County, Arkansas
(4) Place Code	5290
(6) Features Intersected	DEPOT CREEK
(7) Facility Carried	SH 35 Log 2.66
(9) Location	0.02 M S JCT SH 35 & 183
(11) Mile Point	2.66 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.55628
(17) Longitude	-92.56676
(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	6
(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	1-Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2008
(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	8600
(30) Year of ADT	2018
(109) Truck ADT	4 %
(19) Bypass, Detour Length	19 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	45 ft
(49) Structure Length	252 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	51.8 ft
(52) Deck Width Out to Out	55.2 ft
(32) Approach Roadway Width (W/Shoulders)	51.8 ft
(33) Bridge Median	0-No median
(34) Skew	20 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	51.8 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 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	16-Urban Minor Arterial
(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	8
(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	6
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	8
(68) Deck Geometry	9
(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	1-Inspected feature meets currently a
(36C) Approach Guardrail	1-Inspected feature meets currently a
(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	9570
(115) Year of Future ADT	2026

INSPECTIONS *			
(90) Inspection Date			04/2022
(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.			

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	13923	12191	1732	0	0
1120	Efflorescence/Rust Staining	SF	128	0	128	0	0
1130	Cracking (RC and Other)	SF	1604	0	1604	0	0
(12)							
Deck has longitude/transverse cracks longitude cracks run full length of bridge. Soffits have transverse cracks with efflorescence staining.							
107	Steel Open Girder/Beam	LF	1750	1750	0	0	0
515	Steel Protective Coating	SF	10710	10710	0	0	0
3430	Oxide Film Degradation Color/Texture Adherence(Steel Protective Coatings)	SF	0	0	0	0	0
(107)							
No noteworthy defects at this inspection.							
215	Reinforced Concrete Abutment	LF	117	117	0	0	0
(215)							
No noteworthy defects at this inspection.							
225	Steel Pile	EA	35	35	0	0	0
515	Steel Protective Coating	SF	890	872	18	0	0
3440	Effectiveness (Steel Protective Coatings)	SF	18	0	18	0	0
(225)							
No noteworthy defects at this inspection.							
(225-515)							
Bent 3 pile 2 thru 7 steel protective coating has rust at water line.							
234	Reinforced Concrete Pier Cap	LF	294	294	0	0	0
(234)							
No noteworthy defects at this inspection.							
301	Pourable Joint Seal	LF	117	117	0	0	0
(301)							
No noteworthy defects at this inspection.							
310	Elastomeric Bearing	EA	49	49	0	0	0
(310)							
No noteworthy defects at this inspection.							

**Team Lead:** Chris Doggett, **Inspection Date:** April 14, 2022





Elevation



Span 6: multiple unsealed longitudinal cracks





Soffit view



Deck view





Inventory looking south





Bridge #07089(Routine, Underwater type 2)

SH 35 Log 2.66 over DEPOT CREEK

Location: 0.02 M S JCT SH 35 & 183

Team Lead: Chris Doggett Inspection Date: April 14, 2022

## Maintenance Needs

**Date Reported:** 04/03/2018  
**Priority:** C - Important  
**Type of Work:** None  
**Status:** Monitor  
**Inspection Direction** N to S  
**Component:**

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### Deficiency Description

Deck has sealable longitude cracks that run full length of structure in all lanes.

### Remarks

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Span 1 longitude cracks.



Span 7 longitudinal crack.



Deck span longitudinal crack





**Bridge #07089**(Routine, Underwater type 2)

**SH 35 Log 2.66 over DEPOT CREEK**

**Location: 0.02 M S JCT SH 35 & 183**

**Team Lead:** Chris Doggett **Inspection Date:** April 14, 2022

**Date Reported:** 04/14/2022  
**Priority:** C - Important  
**Type of Work:** Repair  
**Status:** Open  
**Inspection Direction** N to S  
**Component:** Approach

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### Deficiency Description

South west guardrail has been damaged due to traffic impact.

### Remarks

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South west guardrail has been damaged due to traffic impact.



**Bridge #07089**(Routine, Underwater type 2)

**SH 35 Log 2.66 over DEPOT CREEK**

**Location: 0.02 M S JCT SH 35 & 183**

**Team Lead:** Chris Doggett **Inspection Date:** April 14, 2022

**Date Reported:** 04/14/2022  
**Priority:** G - General/ Preventive maintenance  
**Type of Work:** Clean  
**Status:** Open  
**Inspection Direction** N to S  
**Component:** Bridge

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#### **Deficiency Description**

Bent 5: vines climbing onto bridge railing

#### **Remarks**

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Bent 5: vines climbing onto bridge railing





**Bridge #07089**(Routine, Underwater type 2)

**SH 35 Log 2.66 over DEPOT CREEK**

**Location: 0.02 M S JCT SH 35 & 183**

**Team Lead:** Chris Doggett **Inspection Date:** April 14, 2022

**Date Reported:** 04/14/2022  
**Priority:** C - Important  
**Type of Work:** Clean  
**Status:** Open  
**Inspection Direction** N to S  
**Component:** Channel

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### Deficiency Description

Drift has accumulated at bent 3, columns 3,4,6, and 7.

### Remarks

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Drift has accumulated at bent 3, columns 3,4,6,  
and 7.



**Bridge #07089**(Routine, Underwater type 2)

**SH 35 Log 2.66 over DEPOT CREEK**

**Location: 0.02 M S JCT SH 35 & 183**

**Team Lead:** Chris Doggett **Inspection Date:** April 14, 2022

### **Inspection Comments**

Plans Job # 061039 layout sheet # 48998.

Logged south bound.