



Latitude:35.69914, Longitude:-91.45534

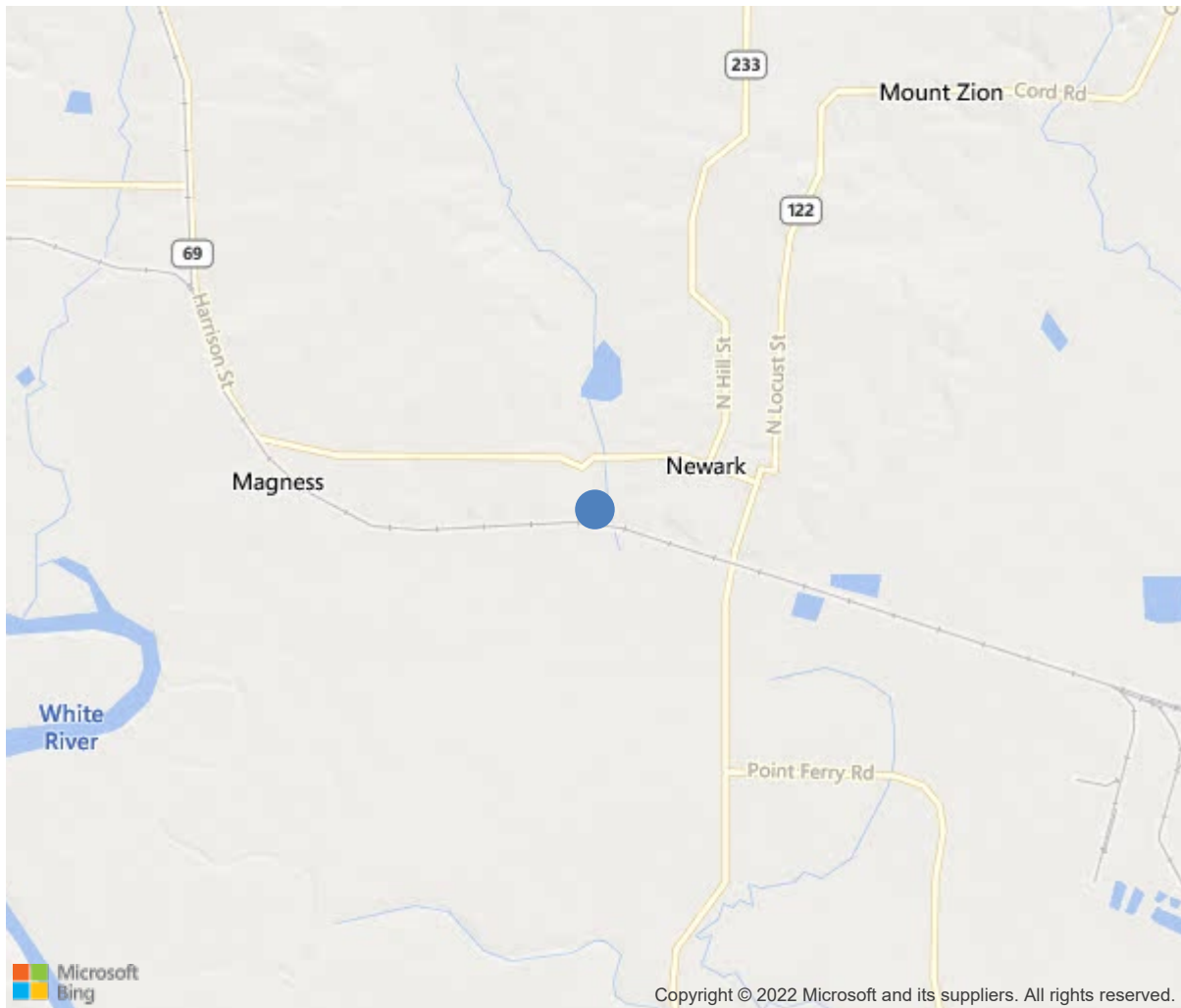
Route:69 Section:03 Log:13.88

Arnold Road ID:32x69x3xA, Arnold Log mile:13.84

District 05, Independence County

Owner: 1-State Highway Agency

1.5 mile NW Jct SH 122



35.69914, -91.45534

Inspection Direction : N to S



Bridge #06771(Routine)

SH 69/Independ Co. over RR Track

Location: 1.5 mile NW Jct SH 122

Team Lead: Kerry Little Inspection Date: September 21, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06771
(5) Inventory Route	69
(2) Highway Agency District	05
(3) County Code	63-Independence County, Arkansas
(4) Place Code	0
(6) Features Intersected	RR Track
(7) Facility Carried	SH 69/Independ Co.
(9) Location	1.5 mile NW Jct SH 122
(11) Mile Point	13.88 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000069030
(16) Latitude	35.699142
(17) Longitude	-91.455338
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3-Steel
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	14
(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	2002
(106) Year Reconstructed	0
(42) Type of Service	12
On	1-Highway
Under	2-Railroad
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	4600
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	72 ft
(49) Structure Length	908 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	39.4 ft
(52) Deck Width Out to Out	42.2 ft
(32) Approach Roadway Width (W/Shoulders)	39 ft
(33) Bridge Median	0-No median
(34) Skew	19 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	39.4 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	23.25 ft
Ref:	
(55) Min Lat Underclear RT	45.6 ft
Ref:	
(56) Min Lat Underclear LT	18.7 ft
NAVIGATION DATA	
(38) Navigation Control	N-Not applicable, no waterway.
(111) Pier Protection	5-None present but re-evaluation
(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	6-Rural 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	7
(61) Channel & Channel Protection	N
(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	14
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	9
(71) Waterway Adequacy	N
(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	1-Inspected feature meets currently a
(113) Scour Critical Bridges	N-Bridge not over waterway.
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	5809
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	09/2021		
(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.			



Bridge #06771 (Routine)

SH 69/Independ Co. over RR Track

Location: 1.5 mile NW Jct SH 122

Team Lead: Kerry Little, Inspection Date: September 21, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	38318	36508	1510	300	0
1120	Efflorescence/Rust Staining	SF	910	0	910	0	0
1130	Cracking (RC and Other)	SF	900	0	600	300	0
(12)	Transverse efflorescent cracks to overhangs and outside edge of deck @ all spans. Unsealed cracks to deck.						
107	Steel Open Girder/Beam	LF	4529	4529	0	0	0
515	Steel Protective Coating	SF	40036	40036	0	0	0
205	Reinforced Concrete Column	EA	26	26	0	0	0
210	Reinforced Concrete Pier Wall	LF	20	20	0	0	0
215	Reinforced Concrete Abutment	LF	127	112	15	0	0
1120	Efflorescence/Rust Staining	LF	15	0	15	0	0
(215)	6 efflorescent cracks to back wall @ Abutment 1. 9 efflorescent cracks to back wall @ Abutment 2.						
234	Reinforced Concrete Pier Cap	LF	537	534	3	0	0
1010	Cracking	LF	3	0	3	0	0
(234)	A few minor vertical cracks to cap, some with minor efflorescence. Bent 8 - 3' of efflor. cracking near Rt. end, ahd. side of cap.						
303	Assembly Joint with Seal	LF	222	0	222	0	0
2350	Debris Impaction	LF	222	0	222	0	0
(303)	All joints are full of debris. (movement still possible @ this time.)						
310	Elastomeric Bearing	EA	90	89	1	0	0
1020	Connection	EA	1	0	1	0	0
515	Steel Protective Coating	SF	270	270	0	0	0
(310)	Bearing 2 @ beginning of Span 9 is only tack welded on Right side.						
331	Reinforced Concrete Bridge Railing	LF	1816	1622	184	10	0
1090	Exposed Rebar	LF	1	0	1	0	0
1120	Efflorescence/Rust Staining	LF	93	0	83	10	0

Team Lead: Kerry Little, **Inspection Date:** September 21, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
1130	Cracking (RC and Other)	LF	100	0	100	0	0
(331)	Minor transverse efflorescent cracks with some map cracking to parapet walls @ all spans. Spall with 1' rebar exposed no rebar to Right parapet wall @ Span 11.						



Roadway with log mile looking south.



Overall deck @ span 1.



Overall deck @ span 12.



Overall deck below @ span 1.



Overall deck below @ span 12.



Typical cracks to deck @ all spans.



Typical efflor cracks to Lt & Rt overhangs.



Typical efflor cracks to Lt & Rt overhangs.



Efflor cracks @ abutment 1.



Efflor cracks @ abutment 2.



Minor cracks to rt side of cap @ bent 8.



Typical efflor cracks to Lt & Rt parapet wall.



Efflorescence map cracking to Lt parapet wall @ spans 2 & 3.

Maintenance Needs

Date Reported: 08/30/2011
Priority: D- Routine
Type of Work: None
Status: Monitor
Component:

Deficiency Description

Large spall with 1' rebar exposed to Right parapet wall @ Span 11.

Remarks



Large spall with 1' rebar exposed to Right parapet wall @ Span 11.



Large spall with 1' rebar exposed to Right parapet wall @ Span 11.



Bridge #06771 (Routine)
SH 69/Independ Co. over RR Track
Location: 1.5 mile NW Jct SH 122

Team Lead: Kerry Little Inspection Date: September 21, 2021

Date Reported: 09/13/2013
Priority: D- Routine
Type of Work: Repair
Status: Monitor
Component:

Deficiency Description

Unsealed cracks to deck @ all Spans.

Remarks



Typical unsealed cracks to deck @ all spans.



Unsealed cracks to deck @ all Spans.



Bridge #06771 (Routine)
SH 69/Independ Co. over RR Track
Location: 1.5 mile NW Jct SH 122

Team Lead: Kerry Little **Inspection Date:** September 21, 2021



Unsealed cracks to deck @ all Spans.

Date Reported: 09/18/2017

Priority: D- Routine

Type of Work: None

Status: Assigned

Component:

Deficiency Description

Debris in all joints.

Remarks



Debris in all joints.



Debris in all joints.



Bridge #06771 (Routine)

SH 69/Independ Co. over RR Track

Location: 1.5 mile NW Jct SH 122

Team Lead: Kerry Little **Inspection Date:** September 21, 2021

Inspection Comments

Log Mile running South.