



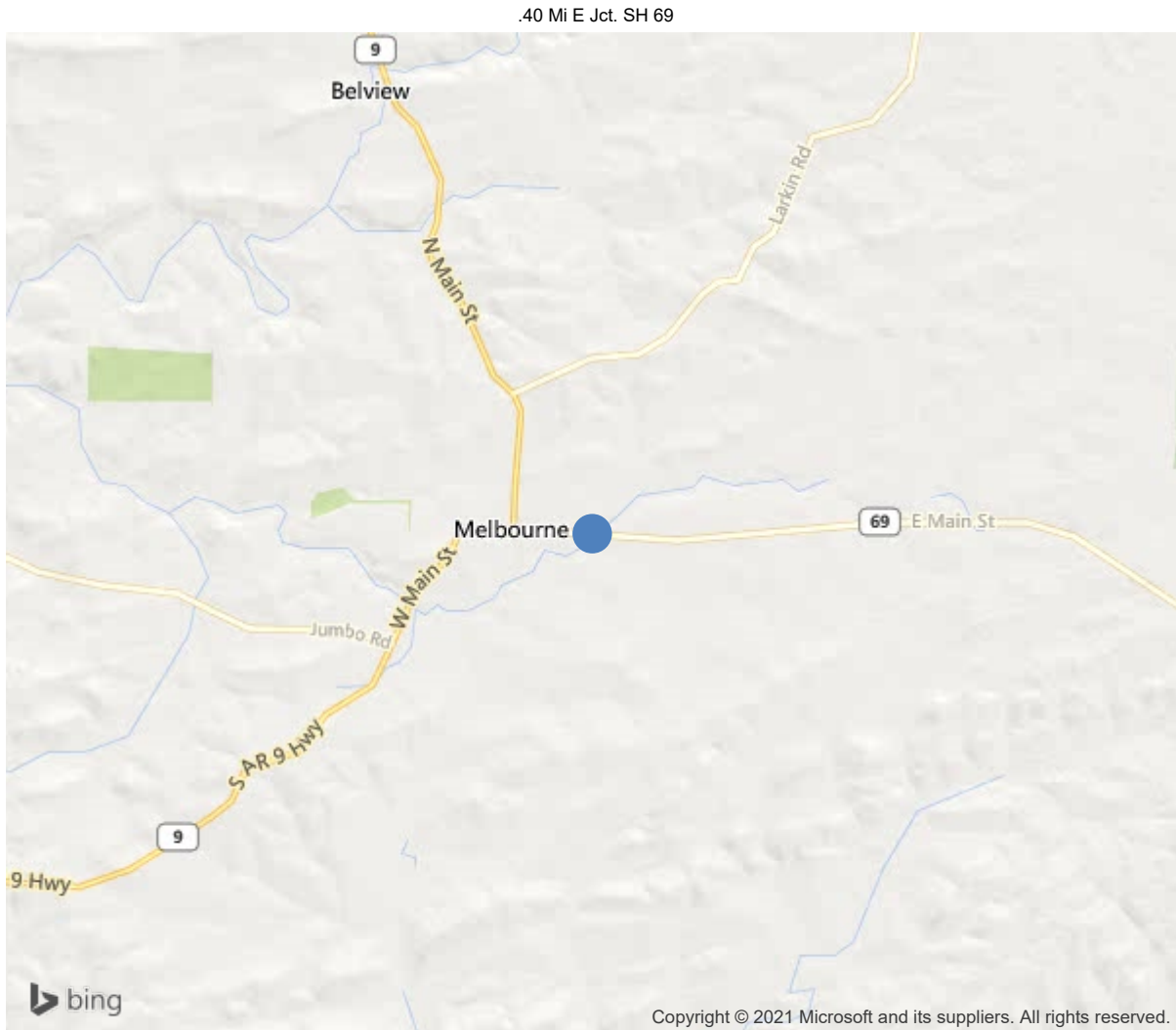
Latitude:36.05885, Longitude:-91.89999

Route:69 Section:01 Log:0.4

Arnold Road ID:33x69x1xA, Arnold Log mile:0.398

District 05, IZARD County

Owner: 1-State Highway Agency



36.05885, -91.89999



Bridge #06723(Routine, Underwater type 2)

SH 69 / IZARD Co. over MILL CREEK

Location: .40 Mi E Jct. SH 69

Team Lead: Nathan Edwards Inspection Date: March 15, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06723
(5) Inventory Route	69
(2) Highway Agency District	05
(3) County Code	65-Izard County, Arkansas
(4) Place Code	0
(6) Features Intersected	MILL CREEK
(7) Facility Carried	SH 69 / IZARD Co.
(9) Location	.40 Mi E Jct. SH 69
(11) Mile Point	0.4 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000069010
(16) Latitude	36.0588519900082
(17) Longitude	-91.8999942822437
(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	5
(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	2001
(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	5500
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	45 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	30 ft
(49) Structure Length	150 ft
(50) Curb or Sidewalk Width	
Left	6 ft
Right	6 ft
(51) Bridge Roadway Width Curb to Curb	40 ft
(52) Deck Width Out to Out	55.2 ft
(32) Approach Roadway Width (W/Shoulders)	40 ft
(33) Bridge Median	0-No median
(34) Skew	45 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	52.5 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	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	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	59
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	5
Rating	35.1
(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	7
(36A) Bridge Railings	0-Inspected feature does not meet cur
(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	8-Bridge foundations determined to be
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	6747
(115) Year of Future ADT	2028
INSPECTIONS	
(90) Inspection Date	03/2021
(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



Bridge #06723(Routine, Underwater type 2)

SH 69 / Izard Co. over MILL CREEK

Location: .40 Mi E Jct. SH 69

Team Lead: Nathan Edwards, Inspection Date: March 15, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	6000	4770	831	399	0
1120	Efflorescence/Rust Staining	SF	175	0	131	44	0
1130	Cracking (RC and Other)	SF	1055	0	700	355	0
(38)	Unsealed longitudinal, transverse & diagonal cracks at all spans. Efflorescent cracking to soffit at all spans Longitudinal cracks with rust stains to soffit at Spans 1, 2 & 5. Minor transverse efflorescent cracks to overhangs at all spans.						
205	Reinforced Concrete Column	EA	12	12	0	0	0
215	Reinforced Concrete Abutment	LF	181	170	11	0	0
1120	Efflorescence/Rust Staining	LF	4	0	4	0	0
6000	Scour	LF	7	0	7	0	0
(215)	3 efflorescent cracks to Abutment 1. 1 efflorescent cracks to Abutment 2. Abutment 2 - 3' minor scour with 1 pile exposed.						
227	Reinforced Concrete Pile	EA	1	1	0	0	0
(227)	Abutment 2 - 3' minor scour with 1 pile exposed.						
234	Reinforced Concrete Pier Cap	LF	262	219	34	9	0
1080	Delamination/Spall/Patched Area	LF	7	0	4	3	0
1120	Efflorescence/Rust Staining	LF	36	0	30	6	0
(234)	Hairline cracks with efflorescent to face of caps at all bents. 4' delaminated areas @ keyways to ahead side of cap @ Bent 1. 1 spall to backside of cap @ keyway @ Bent 1. 2 spalls to caps @ Bent 3 & 5.						
301	Pourable Joint Seal	LF	612	296	80	236	0
2310	Leakage	LF	156	0	0	156	0
2320	Seal Adhesion	LF	160	0	80	80	0
(301)	Pourable joints seals are losing adhesion & are leaking.						
330	Metal Bridge Railing	LF	300	300	0	0	0
515	Steel Protective Coating	SF	300	300	0	0	0

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
331	Reinforced Concrete Bridge Railing	LF	300	298	2	0	0
1080	Delamination/Spall/Patched Area	LF	2	0	2	0	0
(331)							
Spalls to Left parapet @ Span 3.							



Roadway with Log Mile running West to East.



Bridge #06723(Routine, Underwater type 2)

SH 69 / Izard Co. over MILL CREEK

Location: .40 Mi E Jct. SH 69

Team Lead: Nathan Edwards **Inspection Date:** March 15, 2021

Maintenance Needs

Date Reported: 04/13/2011

Priority: D- Routine

Type of Work: None

Status: Monitor

Component:

Deficiency Description

Several unsealed longitudinal & transverse cracks to deck at all Spans.

Remarks





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SH 69 / Izard Co. over MILL CREEK

Location: .40 Mi E Jct. SH 69

Team Lead: Nathan Edwards **Inspection Date:** March 15, 2021

Date Reported: 04/13/2011

Priority: D- Routine

Type of Work: None

Status: Monitor

Component:

Deficiency Description

Spalls forming to face of cap @ Bents #1, 3 & 4.

Remarks





Bridge #06723(Routine, Underwater type 2)

SH 69 / Iazard Co. over MILL CREEK

Location: .40 Mi E Jct. SH 69

Team Lead: Nathan Edwards **Inspection Date:** March 15, 2021

Inspection Comments

Elevation with Log Mile running to the Right.
Job #R50067