



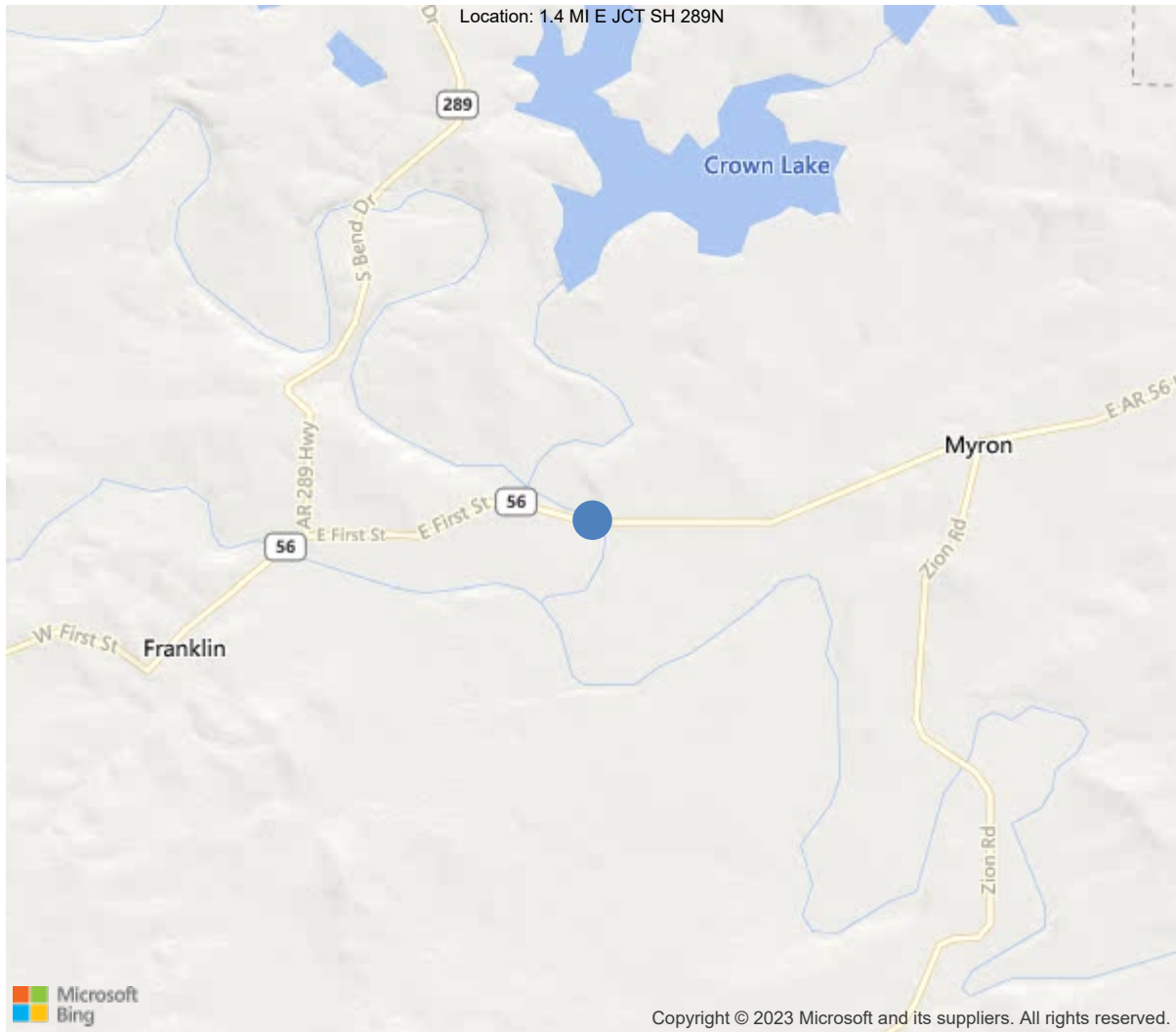
Latitude:36.17804, Longitude:-91.73953

Route:56 Section:02 Log:11.907

Arnold Road ID:, Arnold Log mile:

District 05, 65 - Izard County

Owner: 1 - State Highway Agency



36.17804, -91.73953



Asset #07437(Routine)

AR Hwy 56 over Strawberry River

Location: 1.4 MI E JCT SH 289N

Team Lead: Nathan Edwards, Inspection Date: 11/29/2021

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	07437
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	65 - Izard County
(4) Place Code	0
(6) Features Intersected	Strawberry River
(7) Facility Carried	AR Hwy 56
(9) Location	1.4 MI E JCT SH 289N
(11) Mile Point	11.907 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000056020
(16) Latitude	36.1780382352114
(17) Longitude	-91.7395299368434
(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 pl
Type of Membrane	0 - None
Type of Deck Protection	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2021
(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	1200
(30) Year of ADT	2019
(109) Truck ADT	10 %
(19) Bypass, Detour Length	12 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	135 ft
(49) Structure Length	337 ft
(50) Curb or Sidewalk Width	
Left	2 ft
Right	2 ft
(51) Bridge Roadway Width Curb to Curb	34 ft
(52) Deck Width Out to Out	37.2 ft
(32) Approach Roadway Width (W/Shoulders)	34 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	35.5 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 w
(111) Pier Protection	1 - Navigation protection not
(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
(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	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	5 - Bridge is not eligible for
CONDITION	
(58) Deck	9
(59) Superstructure	9
(60) Substructure	7
(61) Channel & Channel Protection	8
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	
(63) Operating Rating Method	
(64) Operating Rating	
Type	
Rating	
(65) Inventory Rating Method	
(66) Inventory Rating	
Type	
Rating	
(70) Bridge Posting	
(41) Structure Open/Posted/Closed	G - New structure not yet open
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	9
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	1 - Inspected feature meets current
(36C) Approach Guardrail	1 - Inspected feature meets current
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(113) Scour Critical Bridges	
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	ft
(94) Bridge Improvement Cost	\$
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	1500
(115) Year of Future ADT	2039

INSPECTIONS *			
(90) Inspection Date	11/29/2021		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
* 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.			



Asset #07437(Routine)

District: 05, County: 65 - IZARD COUNTY

Team Lead: Nathan Edwards, Inspection Date: 11/29/2021

General Observation

Elevation with Log Mile running to the Left.

This is the initial inspection for this structure.(NSE 12/09/2021)

A-51 - Inspection Direction (4 - W to E)

Roadway with Log Mile running West to East.

Team Lead: Nathan Edwards, **Inspection Date:** 11/29/2021

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	12462	12462	0	0	0
107	Steel Open Girder/Beam	LF	1675	1675	0	0	0
515	Steel Protective Coating	SF	207281	207281	0	0	0
205	Reinforced Concrete Column	EA	2	2	0	0	0
215	Reinforced Concrete Abutment	LF	122	122	0	0	0
234	Reinforced Concrete Pier Cap	LF	72	69	3	0	0
1120	Efflorescence/Rust Staining	LF	3	0	3	0	0
(234) Horizontal efflorescent cracking to ahead side of cap @ Bent 1.(#2							
301	Pourable Joint Seal	LF	68	68	0	0	0
310	Elastomeric Bearing	EA	20	20	0	0	0
515	Steel Protective Coating	SF	60	60	0	0	0
321	Reinforced Concrete Approach Slab	SF	1606	1606	0	0	0
331	Reinforced Concrete Bridge Railing	LF	670	609	61	0	0
1130	Cracking (RC and Other)	LF	61	0	61	0	0
(331) Vertical cracking to Left & Right parapets.							



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Team Lead: Nathan Edwards, Inspection Date: 11/29/2021

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	12462	12462	0	0	0



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Location: 1.4 MI E JCT SH 289N

Team Lead: Nathan Edwards, Inspection Date: 11/29/2021

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	1675	1675	0	0	0
515	Steel Protective Coating	SF	207281	207281	0	0	0

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
205	Reinforced Concrete Column	EA	2	2	0	0	0
215	Reinforced Concrete Abutment	LF	122	122	0	0	0
234	Reinforced Concrete Pier Cap	LF	72	69	3	0	0
1120	Efflorescence/Rust Staining	LF	3	0	3	0	0
(234) Horizontal efflorescent cracking to ahead side of cap @ Bent 1.(#2							



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Location: 1.4 MI E JCT SH 289N

Team Lead: Nathan Edwards, Inspection Date: 11/29/2021

Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation with Log Mile running to the Left.



Roadway with Log Mile running West to East.



Soffit photo.



Deck photo.



Horizontal efflorescent cracking to ahead side of cap @ Bent
1.(#2)



Vertical cracking to parapets.(#2 typical)



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AR Hwy 56 over Strawberry River

Location: 1.4 MI E JCT SH 289N

Team Lead: Nathan Edwards, Inspection Date: 11/29/2021

Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
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	



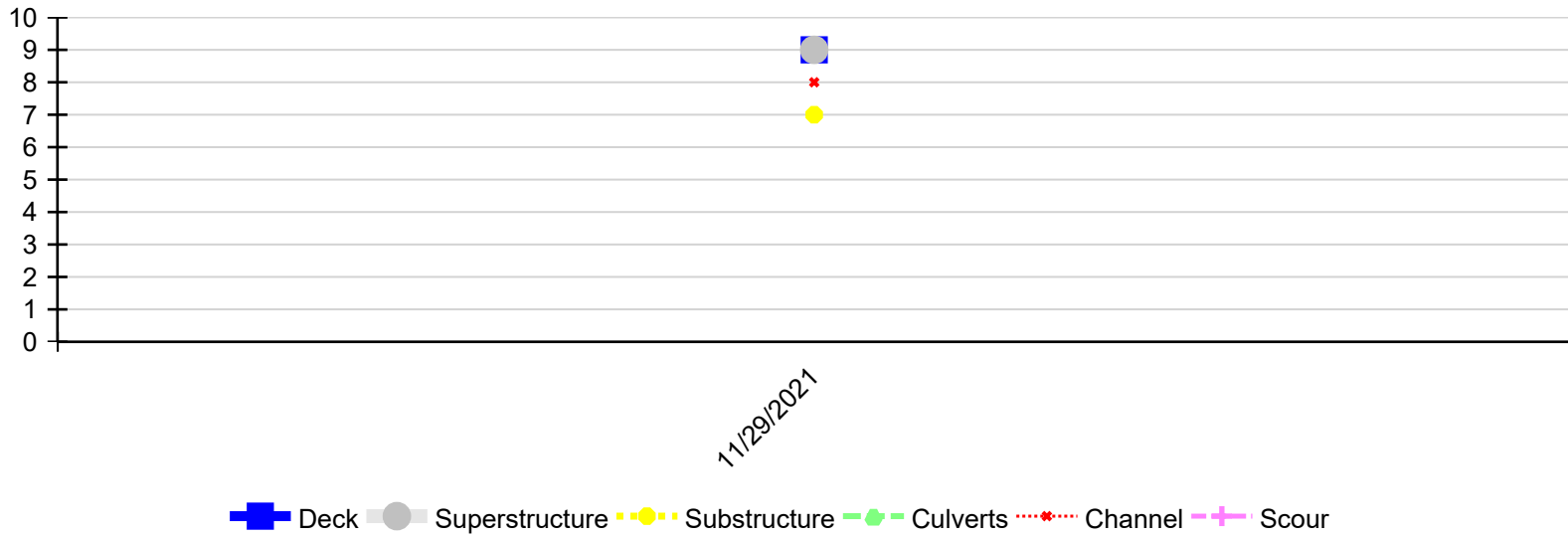
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Team Lead: Nathan Edwards, Inspection Date: 11/29/2021

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
11/29/2021	9	9	7	N	8	N