



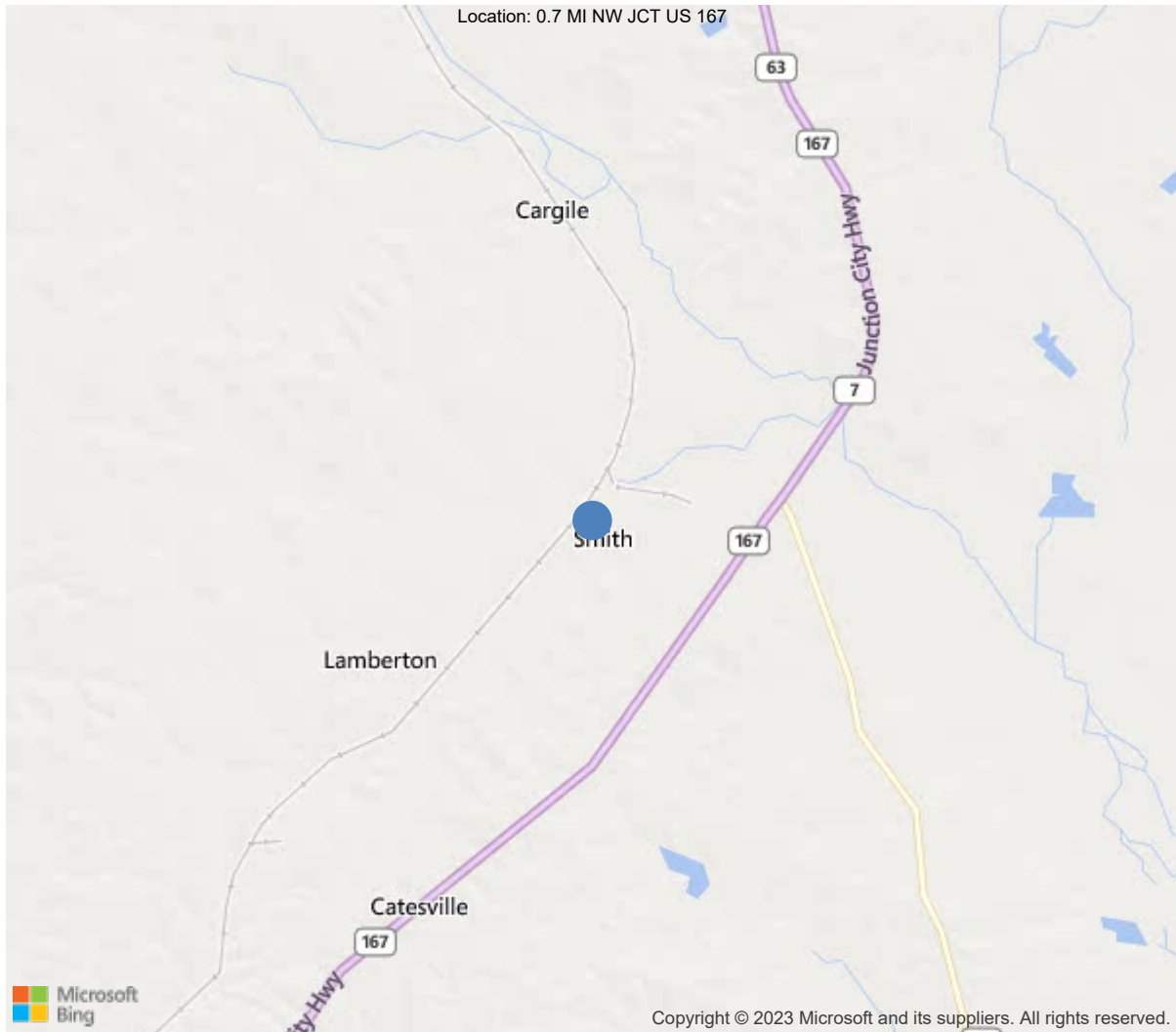
Latitude:33.13440, Longitude:-92.64830

Route:5 Section:00 Log:5.419

Arnold Road ID:70xSJACKSONAVEx1xA, Arnold Log mile:4.969

District 07, 139 - Union County

Owner: 2 - County Highway Agency



33.13440, -92.64830



Asset #23993(Routine, Underwater type 2)

Union CR 5 Zone J over Bayou

Location: 0.7 MI NW JCT US 167

Team Lead: Rickie Bratton, Inspection Date: 07/27/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	23993
(5) Inventory Route	1
(2) Highway Agency District	07 - District 07
(3) County Code	139 - Union County
(4) Place Code	0
(6) Features Intersected	Bayou
(7) Facility Carried	Union CR 5 Zone J
(9) Location	0.7 MI NW JCT US 167
(11) Mile Point	5.419 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.1344
(17) Longitude	-92.6483
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1 - Concrete
Type	22 - Channel beam
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	4
(46) No. of Approach Spans	0
(107) Deck Structure Type	2 - Concrete Precast Panels
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1 - Monolithic Concrete (concurrently pl
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	2018
(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	270
(30) Year of ADT	2018
(109) Truck ADT	5 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	19 ft
(49) Structure Length	76 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	22.6 ft
(52) Deck Width Out to Out	24.6 ft
(32) Approach Roadway Width (W/Shoulders)	24 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	24.3 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	8 - Rural Minor Collector
(100) Defense Highway	0 - The inventory route is not
(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
(20) Toll	3 - On free road. The structure
(21) Maintain	2 - County Highway Agency
(22) Owner	2 - County Highway Agency
(37) Historical Significance	4 - Historical significance is
CONDITION	
(58) Deck	8
(59) Superstructure	8
(60) Substructure	9
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	0 - Other or Unknown
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	49
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	29
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	6
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	6
(72) Approach Roadway Alignment	6
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	5 - Bridge foundations determined t
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	500
(115) Year of Future ADT	2037

INSPECTIONS *			
(90) Inspection Date	07/27/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
<p>* 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.</p>			



Asset #23993(Routine, Underwater type 2)

District: 07, County: 139

Team Lead: Rickie Bratton, Inspection Date: 07/27/2022

A-46 - Asset Files

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General Observation (False)

Logged northwest to southeast.

7/27/2020 JPR -- Bridge is logged from North to South.



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Union CR 5 Zone J over Bayou

Location: 0.7 MI NW JCT US 167

Team Lead: Rickie Bratton, Inspection Date: 07/27/2022

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Asset #23993(Routine, Underwater type 2)

Union CR 5 Zone J over Bayou

Location: 0.7 MI NW JCT US 167

Team Lead: Rickie Bratton, Inspection Date: 07/27/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



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Location: 0.7 MI NW JCT US 167

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Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation.



Elevation.



Deck



Roadway



Approach roadway Southbound.



Profile



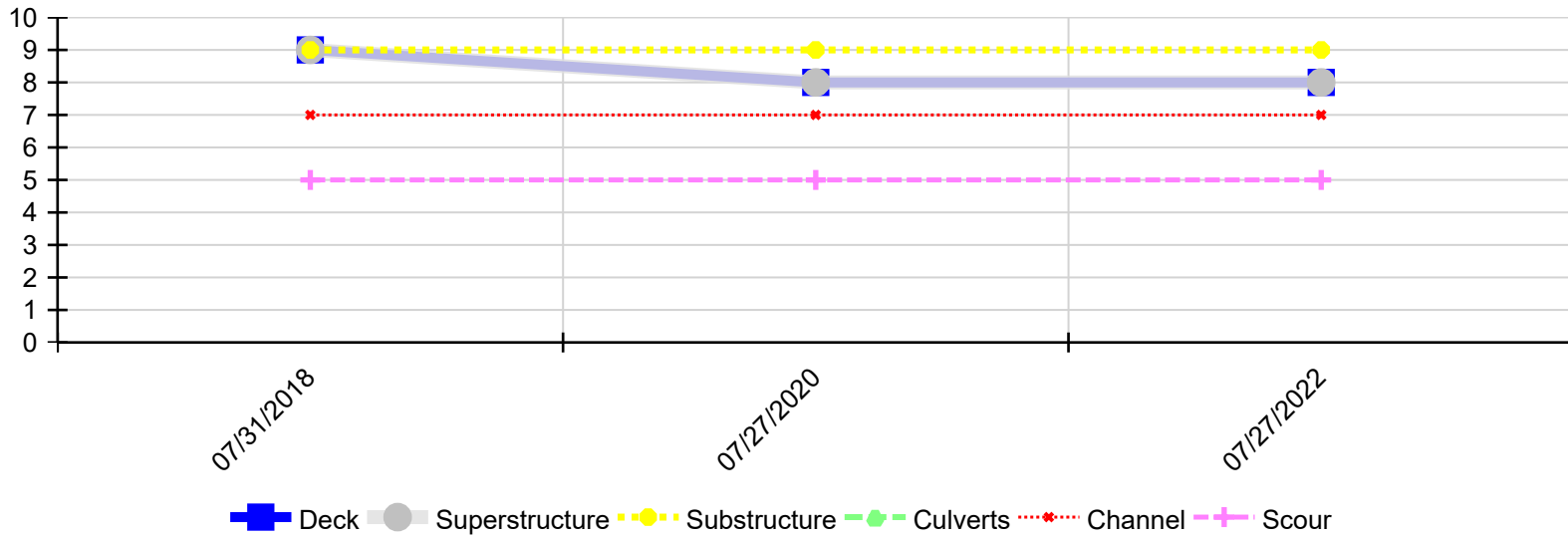
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Union CR 5 Zone J over Bayou

Location: 0.7 MI NW JCT US 167

Team Lead: Rickie Bratton, **Inspection Date:** 07/27/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
07/27/2022	8	8	9	N	7	5
07/27/2020	8	8	9	N	7	5
07/31/2018	9	9	9	N	7	5