



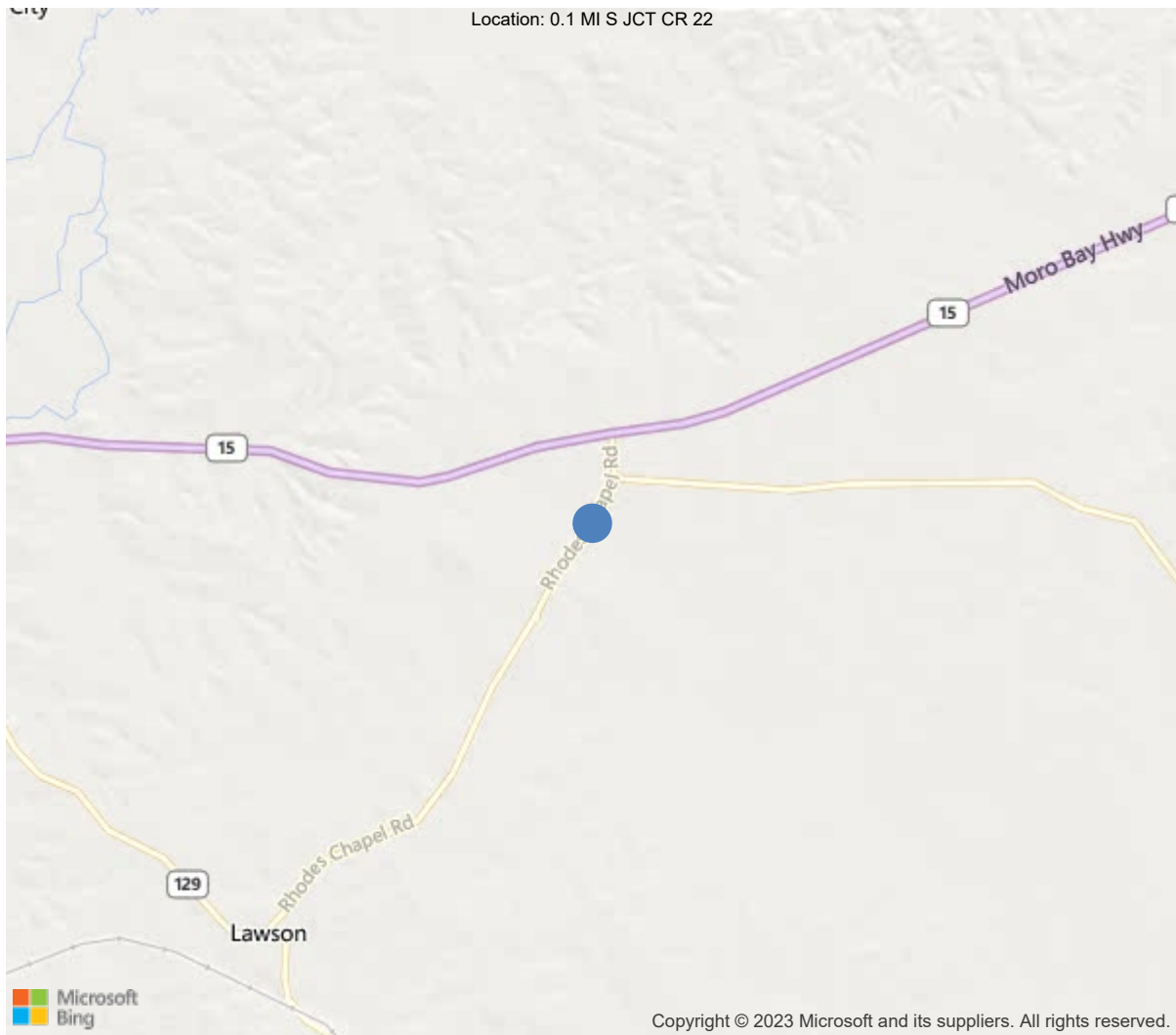
Latitude:33.22944, Longitude:-92.45583

Route:42 Section:00 Log:0.25

Arnold Road ID:70xRHODESCHAPELRDx1xA, Arnold Log mile:2.743

District 07, 139 - Union County

Owner: 2 - County Highway Agency



33.22944, -92.45583





**Asset #22249**(Routine, Underwater type 2)

**CR 42 ZONE C over DRY CREEK**

**Location: 0.1 MI S JCT CR 22**

**Team Lead: Rickie Bratton, Inspection Date: 09/07/2022**

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	22249
(5) Inventory Route	1
(2) Highway Agency District	07 - District 07
(3) County Code	139 - Union County
(4) Place Code	0
(6) Features Intersected	DRY CREEK
(7) Facility Carried	CR 42 ZONE C
(9) Location	0.1 MI S JCT CR 22
(11) Mile Point	0.25 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.2294444444444
(17) Longitude	-92.4558333333333
(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	2
(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	2000
(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	430
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	19 ft
(49) Structure Length	38 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	24.3 ft
(52) Deck Width Out to Out	25.3 ft
(32) Approach Roadway Width (W/Shoulders)	22 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	24.6 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	9 - Rural Local
(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	5 - Bridge is not eligible for
CONDITION	
(58) Deck	7
(59) Superstructure	7
(60) Substructure	8
(61) Channel & Channel Protection	8
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	4 - M 18 / H 20
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	48
(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	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(72) Approach Roadway Alignment	7
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	1 - Inspected feature meets current
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(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	86
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date	09/07/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
* 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 #22249(Routine, Underwater type 2)

District: 07, County: 139

Team Lead: Rickie Bratton, Inspection Date: 09/07/2022

**58 - Deck (7)**

AC OL

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**59 - Superstructure (7)**

Bolts in place

span 2 unit 2 small spall with exposed rebar.

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**A-46 - Asset Files**

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**General Observation (False)**

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Asset #22249(Routine, Underwater type 2)

CR 42 ZONE C over DRY CREEK

Location: 0.1 MI S JCT CR 22

Team Lead: Rickie Bratton, Inspection Date: 09/07/2022

## Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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58 - Deck (7)

Comment: AC OL



Asset #22249(Routine, Underwater type 2)

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## Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

### 59 - Superstructure (7)

Comment: Bolts in place

span 2 unit 2 small spall with exposed rebar.



Asset #22249(Routine, Underwater type 2)

CR 42 ZONE C over DRY CREEK

Location: 0.1 MI S JCT CR 22

Team Lead: Rickie Bratton, Inspection Date: 09/07/2022

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation.



Elevation.



Roadway



Approach roadway Southbound.





Elevation



Approach roadway.



Profile



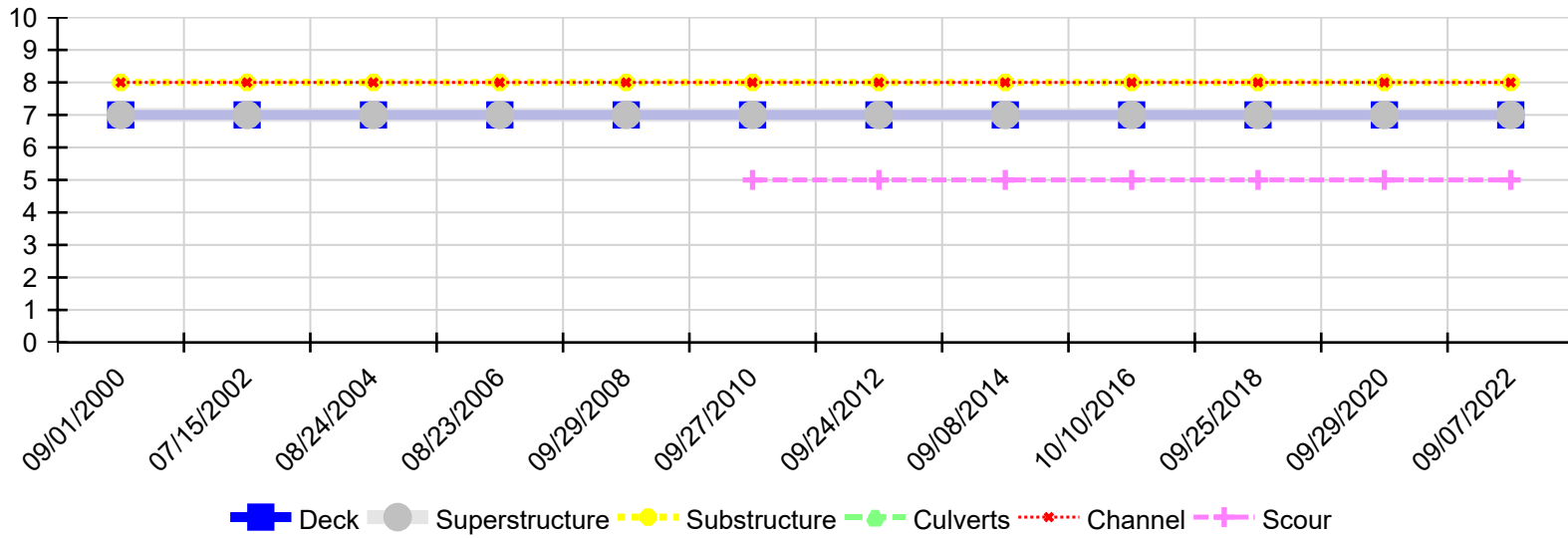
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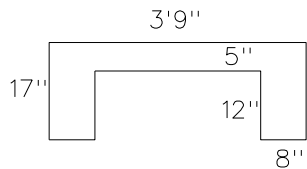
Team Lead: Rickie Bratton, Inspection Date: 09/07/2022

Condition History

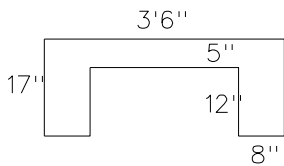


Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
09/07/2022	7	7	8	N	8	5
09/29/2020	7	7	8	N	8	5
09/25/2018	7	7	8	N	8	5
10/10/2016	7	7	8	N	8	5
09/08/2014	7	7	8	N	8	5
09/24/2012	7	7	8	N	8	5
09/27/2010	7	7	8	N	8	5
09/29/2008	7	7	8	N	8	N
08/23/2006	7	7	8	N	8	N
08/24/2004	7	7	8	N	8	N
07/15/2002	7	7	8	N	8	N
09/01/2000	7	7	8	N	8	N

# Bridge 22249

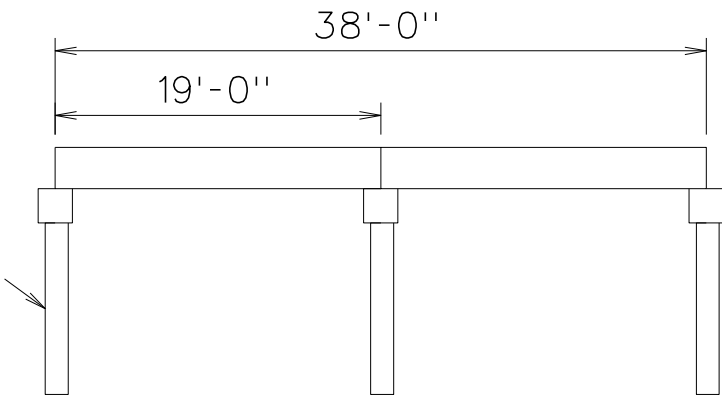


Exterior Unit Details

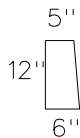


Interior Unit Details

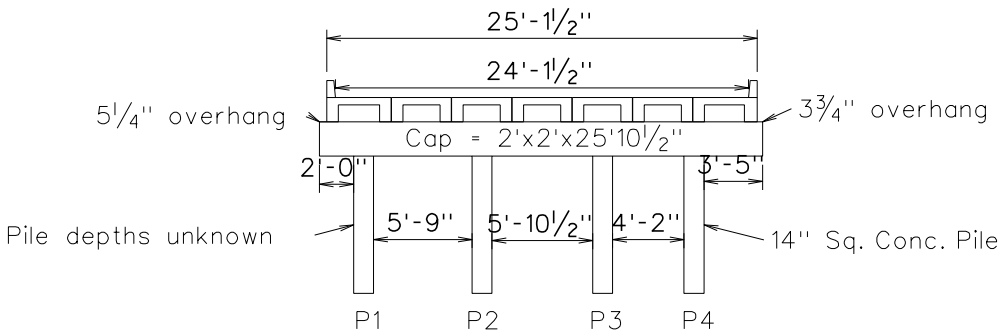
Pile depths unknown



Profile Details



Curb Details



Intermediate Bent Details

# Bridge 22249

Left Side 09/07/2022

Right Side 09/07/2022

Water Elev. = 8'5" 09/07/2022

