



Latitude:33.88955, Longitude:-93.26361

Route:67 Section:04 Log:2.469

Arnold Road ID:10x67x4xA, Arnold Log mile:2.458

District 07, 19 - Clark County

Owner: 1 - State Highway Agency

Inspection Direction: 4 - W to E

Bridge Posting Information

41 - Structure Open/Posted/Closed: A - Open, no restriction

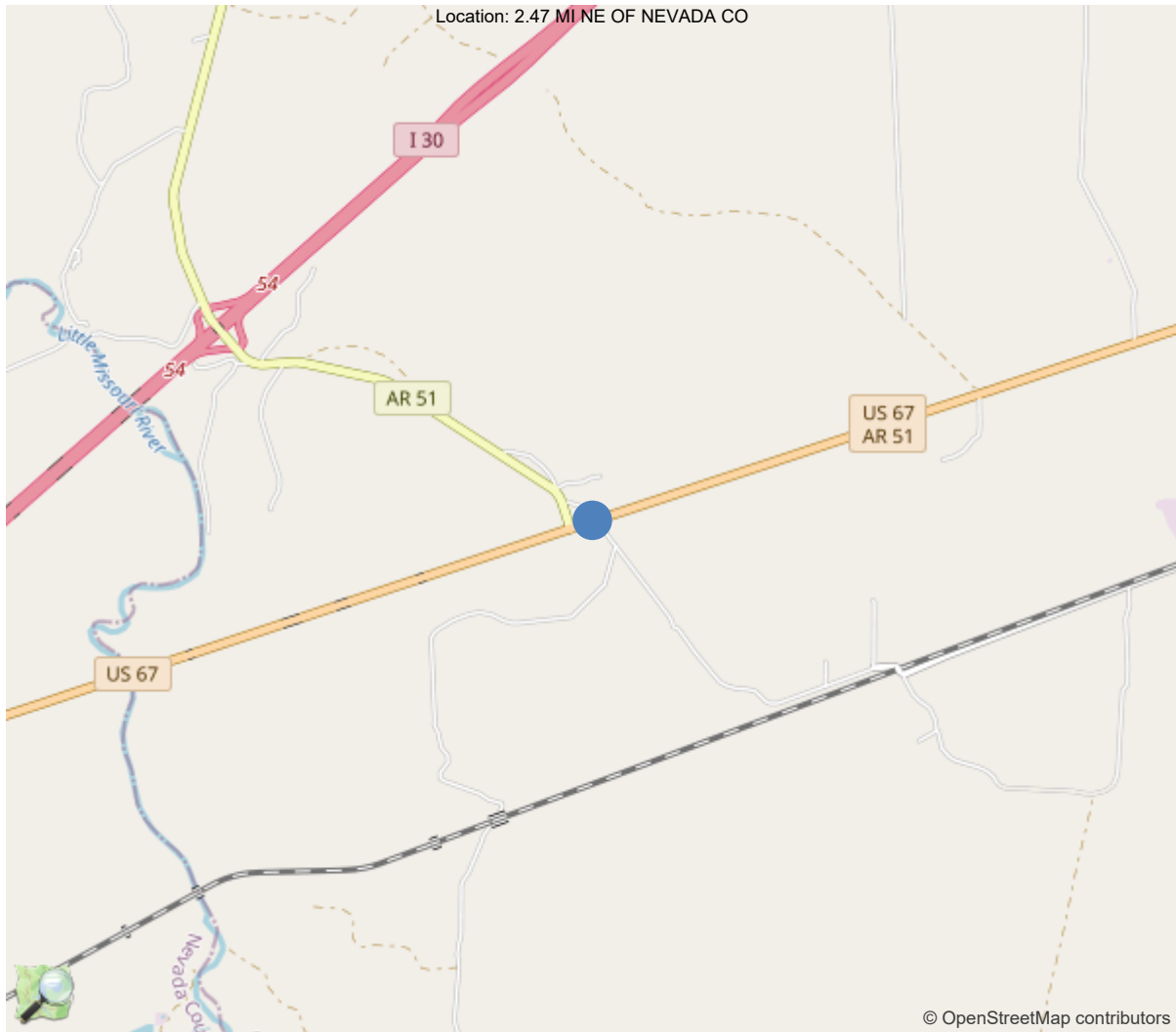
70 - Bridge Posting: 5 - Equal to or above legal loads

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	37		
Code 9 (31 Tons)	40		
Code 5 (40 Tons)	49		

If calculated Capacity is less than the Legal Load Listed, the Bridge Legally Requires Posting Signs to be installed by the Bridge Owner



30"x36" AR



33.88955, -93.26361



Asset #01386(Routine, Underwater type 2)

US 67 S-4 LM 2.47 over BOGGY CREEK

Location: 2.47 MI NE OF NEVADA CO

Team Lead: Rickie Bratton Inspection Date: 05/21/2024

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	01386
(5) Inventory Route	1
(2) Highway Agency District	07 - District 07
(3) County Code	19 - Clark County
(4) Place Code	0
(6) Features Intersected	BOGGY CREEK
(7) Facility Carried	US 67 S-4 LM 2.47
(9) Location	2.47 MI NE OF NEVADA CO
(11) Mile Point	2.469 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.88955
(17) Longitude	-93.26361
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	14
Material	1 - Concrete
Type	4 - Tee beam
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	1
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	6 - Bituminous
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1931
(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	2319
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	16 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	32 ft
(49) Structure Length	35 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	27.2 ft
(52) Deck Width Out to Out	30 ft
(32) Approach Roadway Width (W/Shoulders)	42 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	28.2 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	7 - Rural Major 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	1 - The inventory route is par
(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	7
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	5
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	2 - M 13.5 / H 15
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	46
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	28
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	4
(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	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	1207
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	05/21/2024		
(91) Frequency	24		
(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.			



Asset #01386(Routine, Underwater type 2)

US 67 S-4 LM 2.47 over BOGGY CREEK

Location: 2.47 MI NE OF NEVADA CO

Team Lead: Rickie Bratton **Inspection Date:** 05/21/2024

General Observation

Hip waders used for inspection.

58 - Deck (7 - GOOD CONDITION - some minor problems.)

Good condition - Deck has sealed overlay.

59 - Superstructure (7 - GOOD CONDITION - some minor problems.)

Good condition -

60 - Substructure (7 - GOOD CONDITION - some minor problems.)

Good condition

Cracks in abutment.

A-63 - Missing/Incorrect Log Mile Signage (Y)

Log mile signs both sides illegible

A-B.C.11 - B.C.11 Scour Condition Rating (New NBIS) (5 - Moderate scour; strength and stability of the bridge are not affected.)

Bent 1 left side scour hole.



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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	1050	1039	11	0	0
1120	Efflorescence/Rust Staining	SF	11	0	11	0	0
510	Wearing Surfaces	SF	948	948	0	0	0
(1120-16) Cracks with efflorescence in under surface.							
110	Reinforced Concrete Open Girder/Beam	LF	140	140	0	0	0
215	Reinforced Concrete Abutment	LF	129	109	20	0	0
1130	Cracking (RC and Other)	LF	10	0	10	0	0
7000	Damage	LF	10	0	10	0	0
(215) Bank slumping, erosion. Abutment 1 minor cracks and discolored efflorescence. 04/03/2018 JPR -- Abutment 1 Rt. and Abutment 2 Lt. @ end posts have been damaged by traffic and repaired. Both Abutments have some minor cracking in the abutment walls.							
331	Reinforced Concrete Bridge Railing	LF	70	70	0	0	0



Cracks with efflorescence bay 1.



Under surface overview



Elevation



Channel downstream right side.



05/21/2024

Channel upstream left side.



05/21/2024

Deck overview



05/21/2024

Log mile signs both sides illegible



05/21/2024

Approach roadway Eastbound



Profile



Underside



Roadway



Approach roadway



Elevation

Maintenance Needs

Date Reported: 05/04/2022

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 1 - Clean

Status: Monitor

Component: Channel

Deficiency Description

Vegetation growing up beside & back under the bridge.

Remarks



Vegetation growing up beside & back under the bridge.



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Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	No
A-55 - Deck Washing Needed	No
A-56 - Joint Cleaning/Flushing Needed	No
A-57 - Beam End and Bearing Paint Needed	No
A-58 - Cap Cleaning/Flushing Needed	No
A-59 - Joint Repair Needed	No
A-60 - Full Beam Painting Needed	No
A-61 - Polymer Overlay Advised	No
A-62 - Hydro and LMC Advised	No
A-63 - Missing/Incorrect Log Mile Signage	Yes
A-64 - Vegetation Removal Requested	No

A-54 - Sealable Deck Cracks (No)

A-55 - Deck Washing Needed (No)

A-56 - Joint Cleaning/Flushing Needed (No)

A-57 - Girder End and Bearing Painting Needed (No)

A-58 - Cap Cleaning/Flushing Needed (No)

A-59 - Joint Repair Needed (No)

A-60 - Full Girder Painting Needed (No)

A-61 - Polymer Overlay Advised (No)

A-62 - Hydro and LMC Advised (No)

A-63 - Missing/Incorrect Log Mile Signage (Yes)

Log mile signs both sides illegible



Log mile signs both sides illegible



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A-64 - Vegetation Removal Requested (No)



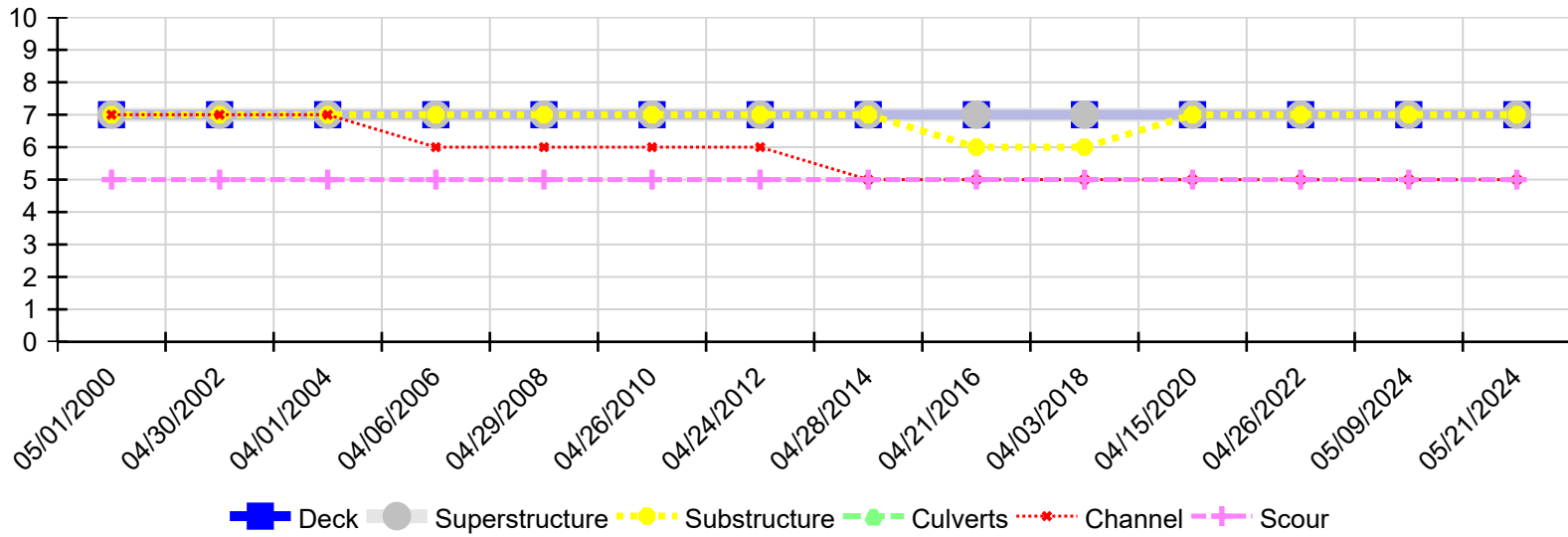
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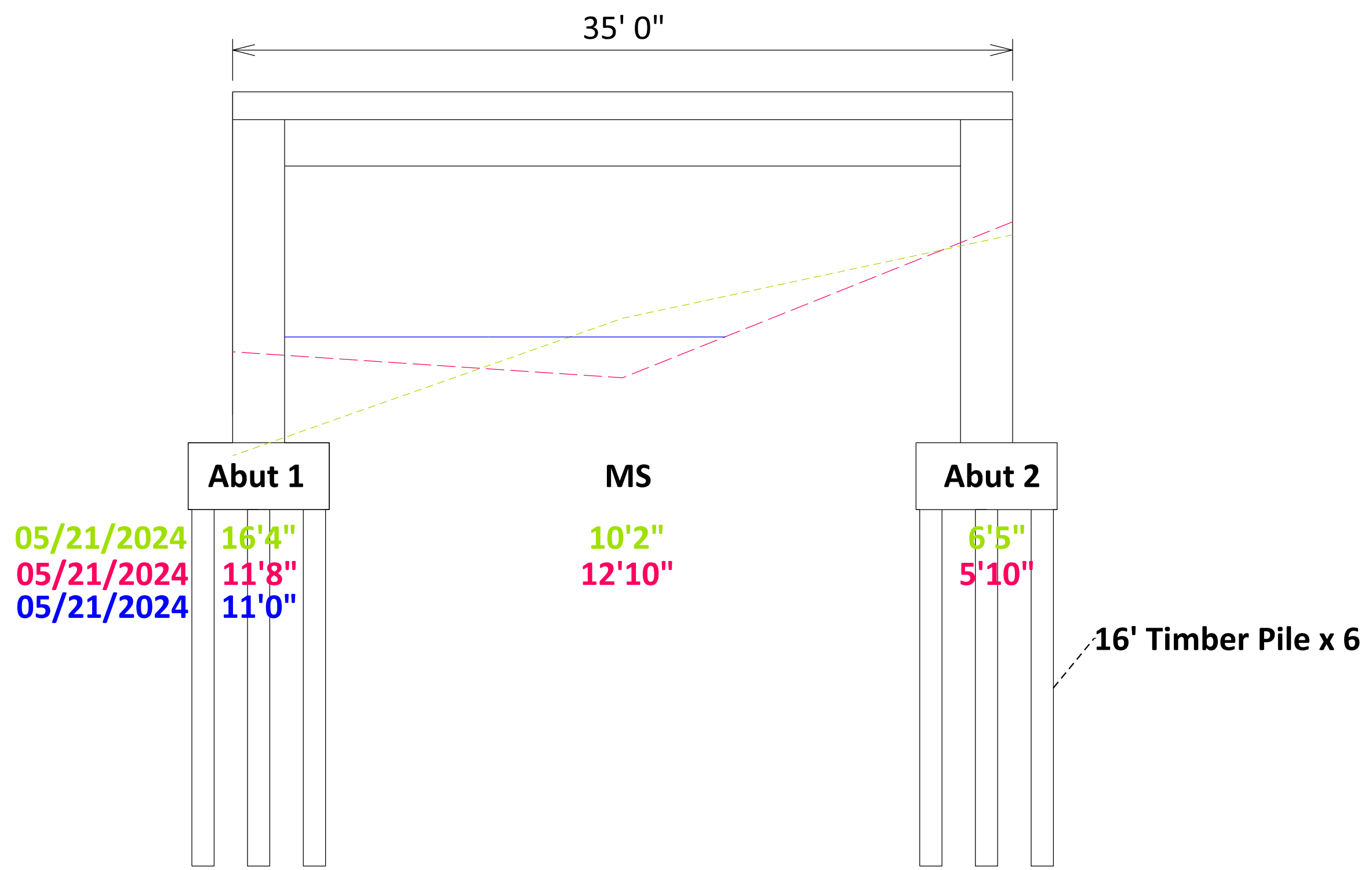
Location: 2.47 MI NE OF NEVADA CO

Team Lead: Rickie Bratton Inspection Date: 05/21/2024

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
05/21/2024	7	7	7	N	5	5
05/09/2024	7	7	7	N	5	5
04/26/2022	7	7	7	N	5	5
04/15/2020	7	7	7	N	5	5
04/03/2018	7	7	6	N	5	5
04/21/2016	7	7	6	N	5	5
04/28/2014	7	7	7	N	5	5
04/24/2012	7	7	7	N	6	5
04/26/2010	7	7	7	N	6	5
04/29/2008	7	7	7	N	6	5
04/06/2006	7	7	7	N	6	5
04/01/2004	7	7	7	N	7	5
04/30/2002	7	7	7	N	7	5
05/01/2000	7	7	7	N	7	5



ARKANSAS STATE HIGHWAY COMMISSION Little Rock, ARK.			BRIDGE NO. 01386		
	Scale: 1"=5'		Drawn By: MAA	Project: Chan Prof	
	Inspection Dir: W to E	Channel Flow: N to S	Checked By: Edit	Date: 05/21/2024	