



Latitude:35.55861, Longitude:-93.46305

Route:76 Section:00 Log:5.549

Arnold Road ID:36xCOUNTY4400RDx1xA, Arnold Log mile:1.971

District 08, 71 - Johnson County

Owner: 2 - County Highway Agency

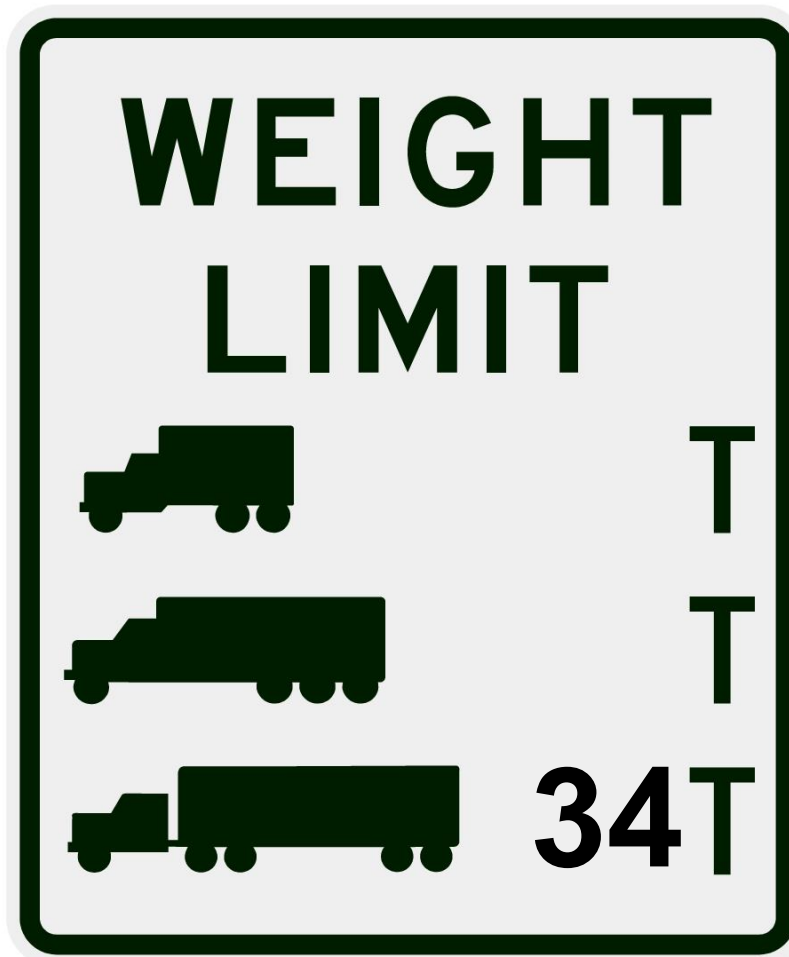
### Bridge Posting Information

41 - Structure Open/Posted/Closed: P - Posted for load (may include other restrictions such a temporary bridges which are load posted)

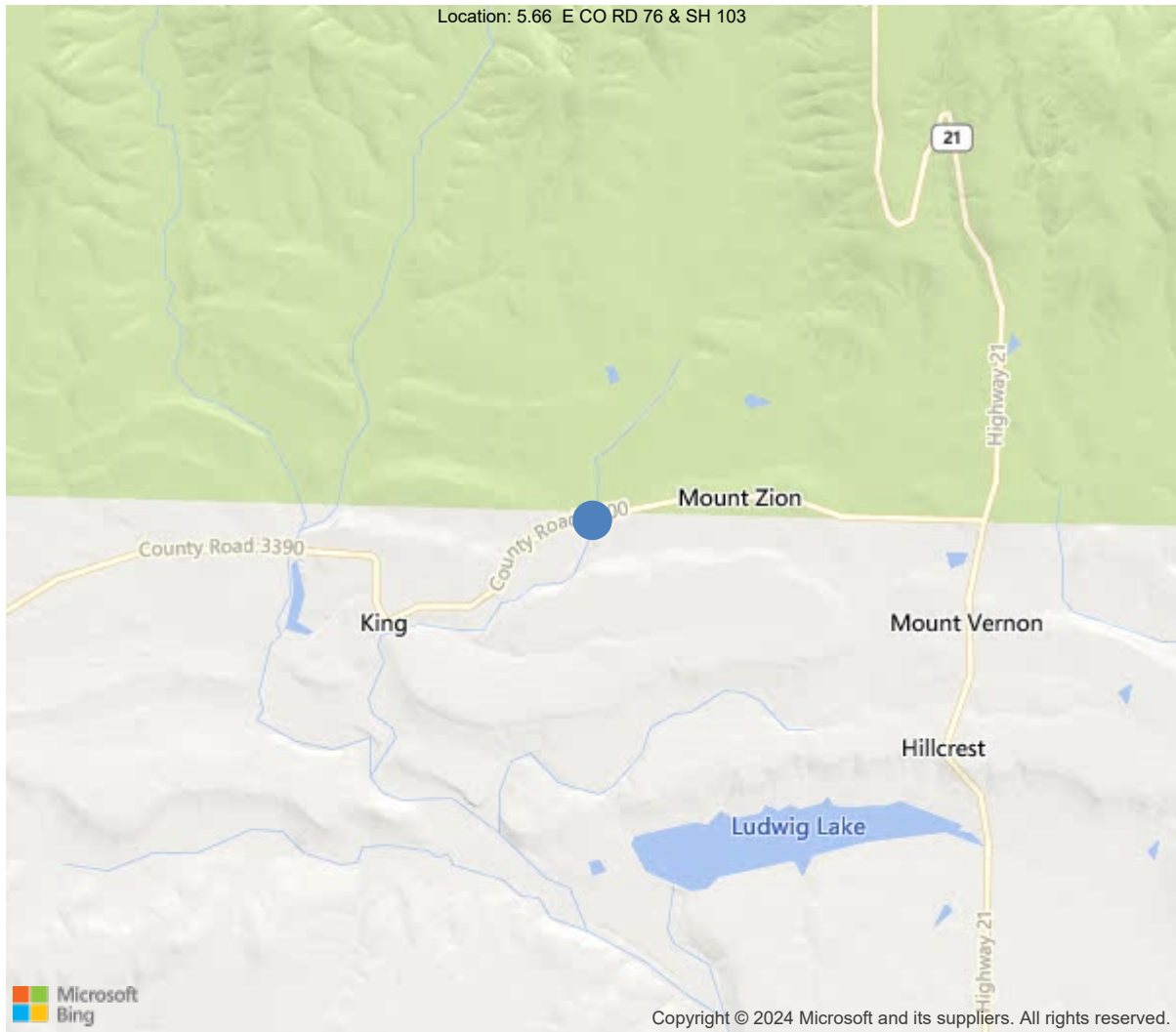
70 - Bridge Posting: 3 - 10.0 - 19.9 % below

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	27	12	12
Code 9 (31 Tons)	31	14	14
Code 5 (40 Tons)	34	34	34

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



35.55861, -93.46305





Asset #14368(Routine)

CR 4400 - D over Rock Creek

Location: 5.66 E CO RD 76 &amp; SH 103

Team Lead: Rhett Franks, Inspection Date: 01/25/2024

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	14368
(5) Inventory Route	1
(2) Highway Agency District	08 - District 08
(3) County Code	71 - Johnson County
(4) Place Code	0
(6) Features Intersected	Rock Creek
(7) Facility Carried	CR 4400 - D
(9) Location	5.66 E CO RD 76 & SH 103
(11) Mile Point	5.549 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.55861
(17) Longitude	-93.46305
(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	1
(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	1930
(106) Year Reconstructed	1976
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	410
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	45 ft
(49) Structure Length	45 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	18 ft
(52) Deck Width Out to Out	20 ft
(32) Approach Roadway Width (W/Shoulders)	20 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	99.9 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	0 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	5 - Bridge is not eligible for
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	0 - Other or Unknown
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	34
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	20
(70) Bridge Posting	3 - 10.0 - 19.9 % below
(41) Structure Open/Posted/Closed	P - Posted for load (may include
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	3
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(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 to
PROPOSED IMPROVEMENTS	
(75) Type of Work	31 - Replacement of bridge or
(76) Length of Structure Improvement	69 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 109
(96) Total Project Cost	\$ 237
(97) Year of Improvement Cost Estimate	2003
(114) Future ADT	229
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date	01/25/2024		
(91) Frequency	12		
(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.			



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**41 - Structure Open/Posted/Closed (P)**

Code 5 is the only posting for this structure.

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

Overall, the deck is in good condition with light wear and dirt and debris in the gutters.

Deck has a asphalt wearing surface, wearing surface in good shape.

Undersurface has light scaling.

6 Precast units

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

Overall, the superstructure is in good condition with light water leakage between the units.

Channel units are transverse bolted and they are in good shape.

Water leaks through the asphalt wearing surface through the grouted joints.

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

Overall, the substructure is in good condition with minor cracking in the mortar joints and light abrasion in the splash zones.

Abutment 1 has minor cracks in the mortar.

Abutment 2 has delaminated areas along the top of abutment wall under units 2 and 3.

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**61 - Channel/Channel Protection (7 - Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.)**

Overall, the channel is in good condition, no scour noted, banks are well vegetated with small rocks, trees and johnson grass.

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Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

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Elevation



Inventory



Inventory 1



Inventory 2





Units are bolted together



Typical undersurface



Typical deck



Bent 2 Minor scaling in top of abutment





Bent 2 typical



Bent 1 Typical



No bridge railing



Asset #14368(Routine)

CR 4400 - D over Rock Creek

Location: 5.66 E CO RD 76 & SH 103

Team Lead: Rhett Franks, Inspection Date: 01/25/2024

## 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	
A-63 Missing/Incorrect Log Mile Signage	
A-64 - Vegetation Removal Requested	

**A-54 - Sealable Deck Cracks**

**A-55 - Deck Washing Needed**

**A-56 - Joint Cleaning/Flushing Needed**



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**A-57 - Beam End and Bearing Painting 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**

**A-63 - Missing/Incorrect Log Mile Signage**

**A-64 - Vegetation Removal Requested**





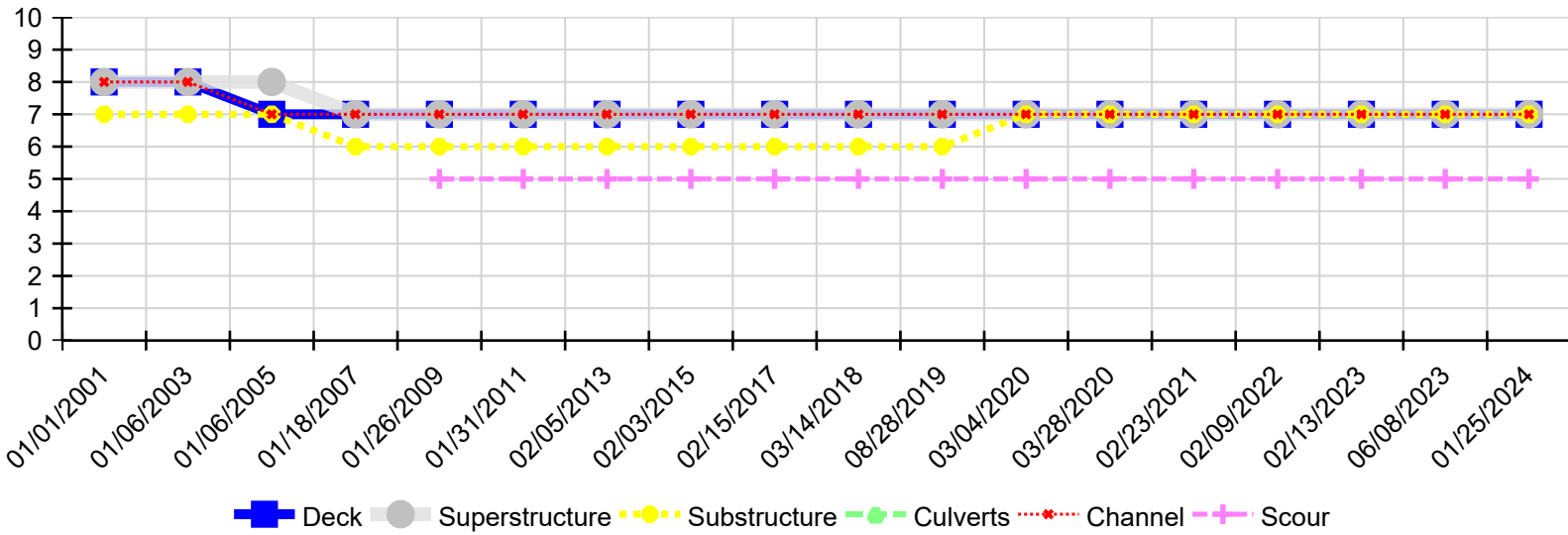
Asset #14368(Routine)

CR 4400 - D over Rock Creek

Location: 5.66 E CO RD 76 & SH 103

Team Lead: Rhett Franks, Inspection Date: 01/25/2024

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
01/25/2024	7	7	7	N	7	5
06/08/2023	7	7	7	N	7	5
02/13/2023	7	7	7	N	7	5
02/09/2022	7	7	7	N	7	5
02/23/2021	7	7	7	N	7	5
03/28/2020	7	7	7	N	7	5
03/04/2020	7	7	7	N	7	5
08/28/2019	7	7	6	N	7	5
03/14/2018	7	7	6	N	7	5
02/15/2017	7	7	6	N	7	5
02/03/2015	7	7	6	N	7	5
02/05/2013	7	7	6	N	7	5
01/31/2011	7	7	6	N	7	5
01/26/2009	7	7	6	N	7	5
01/18/2007	7	7	6	N	7	N
01/06/2005	7	8	7	N	7	N
01/06/2003	8	8	7	N	8	N
01/01/2001	8	8	7	N	8	N