

## Bridge 14644 Inspection Report



Latitude:34.12312, Longitude:-91.66766

Route:95 Section:00 Log:1.45

Arnold Road ID:40xDAKOTARDx1xA, Arnold Log mile:1.403

District 02, 79 - Lincoln County

Owner: 2 - County Highway Agency

Inspection Direction: 4 - W to E

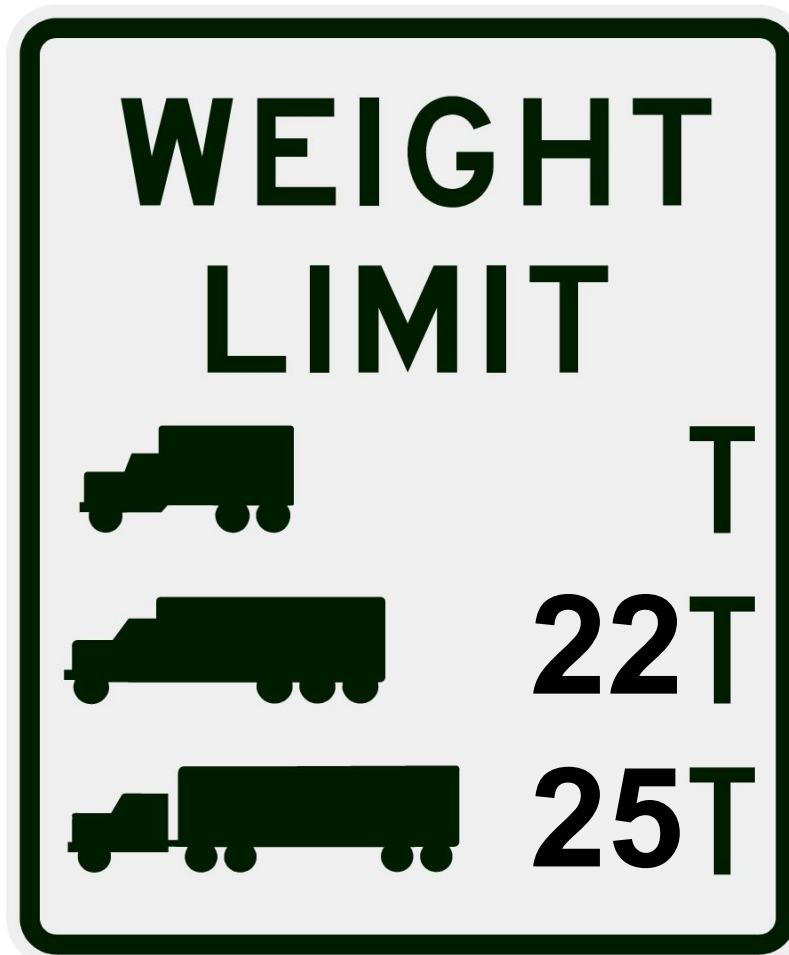
### Bridge Posting Information

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

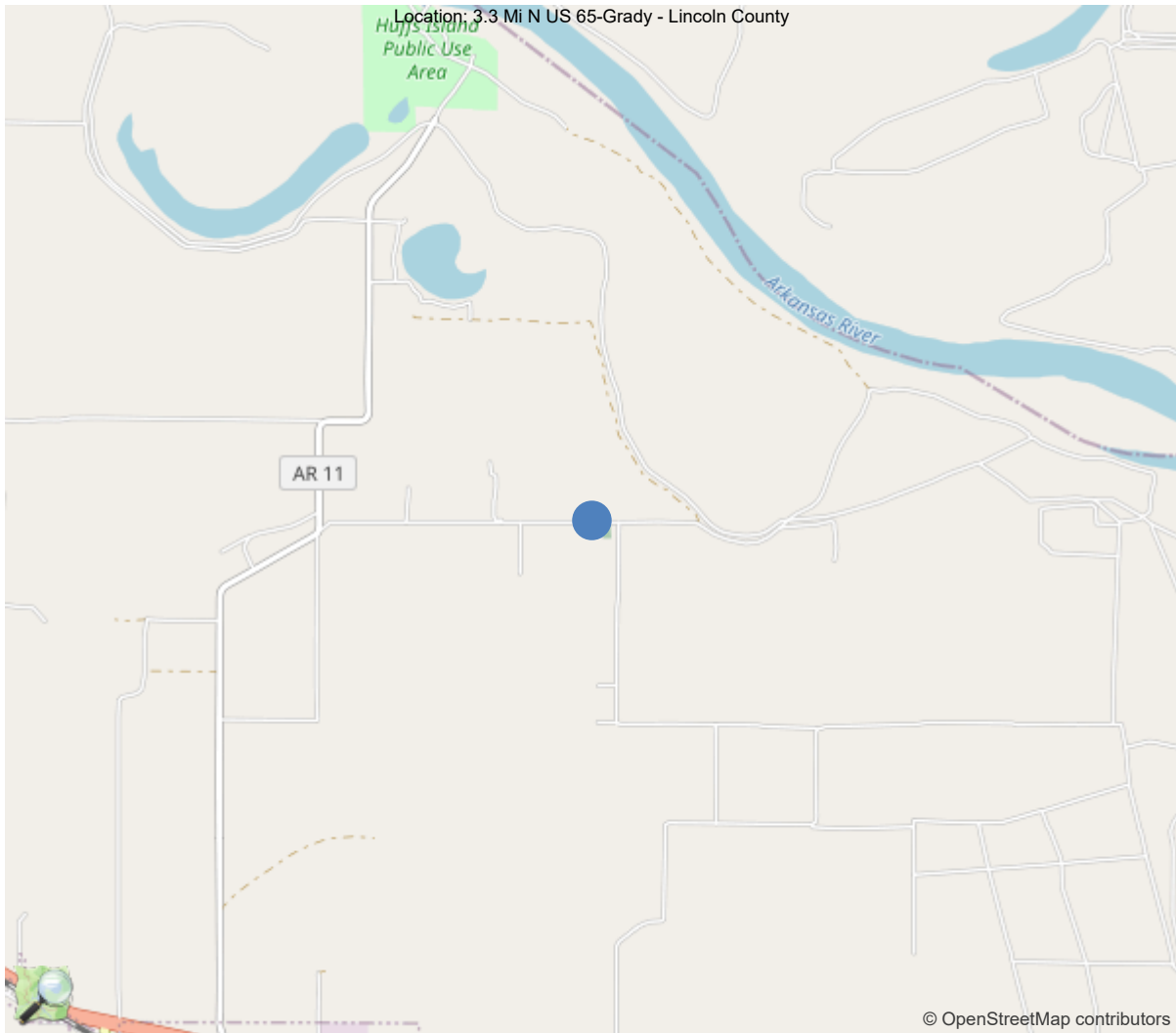
70 - Bridge Posting: 1 - 30.0 - 39.9 % below

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	22		
Code 9 (31 Tons)	22	22	22
Code 5 (40 Tons)	25	25	25

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



34.12312, -91.66766



## National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	14644
(5) Inventory Route	1
(2) Highway Agency District	02 - District 02
(3) County Code	79 - Lincoln County
(4) Place Code	0
(6) Features Intersected	Long Creek
(7) Facility Carried	CR 95/Dakota Road
(9) Location	3.3 Mi N US 65-Grady - Lincoln County
(11) Mile Point	1.45 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.12312
(17) Longitude	-91.66766
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3 - Steel
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	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	0 - None (no additional concrete thickne
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1978
(106) Year Reconstructed	1999
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	1
Under	0
(29) Average Daily Traffic	40
(30) Year of ADT	2024
(109) Truck ADT	%
GEOMETRIC DATA	
(48) Length of Maximum Span	40.5 ft
(49) Structure Length	44.6 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	16.1 ft
(52) Deck Width Out to Out	16.1 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	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	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	5 - None present but re-evalua
(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	3 - One lane bridge for 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	2 - County Highway Agency
(22) Owner	2 - County Highway Agency
(37) Historical Significance	4 - Historical significance is
CONDITION	
(58) Deck	7
(59) Superstructure	6
(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	28
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	17
(70) Bridge Posting	1 - 30.0 - 39.9 % below
(41) Structure Open/Posted/Closed	P - Posted for load (may inclu
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	3
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(72) Approach Roadway Alignment	8
(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	31 - Replacement of bridge or
(76) Length of Structure Improvement	68 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 109
(96) Total Project Cost	\$ 234
(97) Year of Improvement Cost Estimate	1999
(114) Future ADT	89
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date			12/03/2025
(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.			

Team Lead: Phillip Dowell, Inspection Date: 12/03/2025

### Specifications for National Bridge Inventory Sheets

IDENTIFICATION	
B.ID.01 Bridge Number	14644
B.ID.02 Bridge Name	
B.ID.03 Previous Bridge No.	
B.W.01 Year Built	1978

LOCATION	
B.L.01 State Code	5 - Arkansas
B.L.02 County Code	79 - Lincoln County
B.L.03 Place Code	00000 - N/A
B.L.04 Highway Agency District	02 - District 02
B.L.05 Latitude	34.12312
B.L.06 Longitude	-91.66766
B.L.07 Border Bridge Number	
B.L.08 Border Bridge State or Country Code	
B.L.09 Border Bridge Insp. Resp.	
B.L.10 Border Bridge Designated Lead State	
B.L.11 Bridge Location	3.3 Mi N US 65-Grady
B.L.12 Metropolitan Planning Organization	

CLASSIFICATION	
B.CL.01 Owner	L01 - County highway agency
B.CL.02 Maint. Responsibility	L01 - County highway agency
B.CL.03 Federal or Tribal Land Access	N - Not Applicable
B.CL.04 Historic Significance	7 - Historic significance of the br
B.CL.05 Toll	N - Bridge does not carry a toll ro
B.CL.06 Emergency Evacuation Designation	

ROADSIDE HARDWARE	
B.RH.01A Bridge Railing Type	
B.RH.01B Bridge Railing Year (YY)	
B.RH.01C Bridge Railing Test Level	
B.RH.02A Transition Type	
B.RH.02B Transition Year (YY)	
B.RH.02C Transition Test Level	

BRIDGE GEOMETRY	
B.G.01 NBIS Bridge Length	40.5
B.G.02 Total Bridge Length	43.6
B.G.03 Max Span Length	41
B.G.04 Min Span Length	40.5
B.G.05 Bridge Width Out-to-Out	16.1
B.G.06 Bridge Width Curb-to-Curb	16.1
B.G.07 Left Curb or Sidewalk Width	0
B.G.08 Right Curb or Sidewalk Width	0
B.G.09 Approach Roadway Width	22

B.G.10 Bridge Median	0 - No median
B.G.11 Skew	0
B.G.12 Curved Bridge	N - Not curved
B.G.13 Max Bridge Height	11
B.G.14 Sidehill Bridge	N - Not a sidehill bridge
B.G.15 Irregular Deck Area	
B.G.16 Calculated Deck Area	702.0

LOADS AND LOAD RATING	
B.LR.01 Design Load	U - Unknown
B.LR.02 Design Method	
B.LR.03 Load Rating Date	
B.LR.04 Load Rating Method	LFR - Load Factor Rating
B.LR.05 Inventory Load Rating Factor	0.47
B.LR.06 Operating Load Rating Factor	0.78
B.LR.07 Controlling Legal Load Rating Factor	
B.LR.08 Routine Permit Loads	Bridge does not carry routine permi

INSPECTION REQUIREMENTS	
B.IR.01 NSTM Inspection Required	N - NSTM inspection not required.
B.IR.02 Fatigue Details	N - No E/E' details
B.IR.03 UW Inspection Required	N - Underwater inspection not requi
B.IR.04 Complex Feature	N - Bridge does not have complex fe

COMPONENT CONDITION RATINGS	
B.C.01 Deck Condition Rating	6 - SATISFACTORY - Widespread
B.C.02 Superstructure Condition	6 - SATISFACTORY - Widespread
B.C.03 Substructure Condition	7 - GOOD - Some minor defects.
B.C.04 Culvert Condition	N - NOT APPLICABLE - Component
B.C.05 Bridge Railing Condition	N - NOT APPLICABLE - Component
B.C.06 Bridge Railing Transitions Condition	N - NOT APPLICABLE - Component
B.C.07 Bridge Bearings Cond.	N - NOT APPLICABLE - Component
B.C.08 Bridge Joints Condition	N - NOT APPLICABLE - Bridge do
B.C.09 Channel Condition Rating	7 - GOOD - Some minor defects.
B.C.10 Channel Protection Condition	N - NOT APPLICABLE - Bridge do
B.C.11 Scour Condition Rating	8 - Insignificant scour.
B.C.12 Bridge Condition Classification	F - Fair
B.C.13 Lowest Condition Rating	6 - SATISFACTORY - Widespread
B.C.14 NSTM Insp. Condition	
B.C.15 UW Inspection Condition	

APPRAISAL	
B.AP.01 Approach Roadway Alignment	G - Good
B.AP.02 Overtopping Likelihood	2 - Very low - once every 51 to 99
B.AP.03 Scour Vulnerability	0 - Scour appraisal has not been co
B.AP.04 Scour Plan of Action	0 - A scour POA is not required.
B.AP.05 Seismic Vulnerability	0 - Seismic evaluation not complete

Team Lead: Phillip Dowell, Inspection Date: 12/03/2025

SPAN SETS			
<b>M1</b>			
B.SP.02 # of Spans	1	B.SP.08 Deck Interaction	NC - Non-composite
B.SP.03 # of Beam Lines	8	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	S01 - Steel - rolled	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	1 - Simple or single span	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	G02 - Girder/beam - I-shaped s	B.SP.12 Deck Reinforcing Protective System	0 - None
B.SP.07 Span Protective System	C01 - Coating - paint	B.SP.13 Deck Stay-In-Place Forms	T01 - Timber

SUBSTRUCTURE SETS			
<b>A1</b>			
B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	U - Unknown
B.SB.04 Substructure Type	A01 - Abutment - cantilever/wa	B.SB.07 Foundation Protective System	U - Unknown

HIGHWAY FEATURES			
<b>H1</b>			
B.F.02 Feature Location	C - Carried on bridge	B.H.09 Annual ADT	50
B.F.03 Feature Name	CR 95/Dakota Road	B.H.10 Annual ADTT	0
B.H.01 Functional Classification	6 - Minor Collector	B.H.11 Year of Annual ADT	2018
B.H.02 Urban Code	99999	B.H.12 Highway Max Usable Vertical Clearance	99.9
B.H.03 NHS Designation	N - Non-NHS	B.H.13 Highway Min Vertical Clearance	99.9
B.H.04 National Highway Freight Network	N - Not on the NHFN	B.H.14 Highway Min Horizontal Clearance, Left	
B.H.05 STRAHNET Designation	N - Not a STRAHNET route	B.H.15 Highway Min Horizontal Clearance, Right	
B.H.06 LRS Route ID		B.H.16 Highway Max Usable Surface Width	99.9
B.H.07 LRS Mile Point	1.45	B.H.17 Bypass Detour Length	5
B.H.08 Lanes On Highway	1	B.H.18 Crossing Bridge Number	

HIGHWAY ROUTES					
Highway Parent	B.RT.01 Route Designation	B.RT.02 Route Number	B.RT.03 Route Direction	B.RT.04 Route Type	B.RT.05 Service Type
H1	1	95	2-T - TEMP - Two-way traffic - NS or EW	4 - County route	1 - Mainline

WATERWAY FEATURES			
<b>W1</b>			
B.F.02 Feature Location	B - Below bridge	B.N.03 Movable Bridge Max Navigation Vertical Clearance	
B.F.03 Feature Name	Long Creek	B.N.04 Navigation Channel Width	
B.N.01 Navigable Waterway	N - Not navigable waters	B.N.05 Navigation Channel Min Horizontal Clearance	
B.N.02 Navigation Min Vertical Clearance		B.N.06 Substructure Navigation Protection	



Team Lead: Phillip Dowell, Inspection Date: 12/03/2025

POSTING STATUS DATA	
B.PS.01 Load Posting Status	B.PS.02 Posting Status Change Date
(Inactive) (Inactive) PP-T - T	

LOAD EVALUATION AND POSTING			
B.EP.01 Legal Load Configuration	B.EP.02 Legal Load Rating Factor	B.EP.03 Posting Type	B.EP.04 Posting Value



## Inspection Notes

### General Observation

Bridge is logged from West to East.  
Beginning of structure toward SH 11, West End

Inspection of this structure can be performed by foot - a ladder may be used for closer access to some overhead elements.  
Normal water level requires use of waders - a boat may be required during high-water.

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

Deck is in good condition, with minor cracking in deck surface.

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### 59 - Superstructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Superstructure is in satisfactory condition, with surface corrosion (mainly on bottom face of bottom flange) and some pitting/flaking on girder ends.

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

Substructure is in good condition, with some heavy staining.

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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.)

Channel is in good condition, with some minor debris and vegetation overgrowth.

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### 113 - Scour Critical Bridges (5 - Bridge foundations determined to be stable for assessed or calculated scour condition. Scour is determined to be within the limits of footing or piles (Example B) by assessment (i.e., bridge foundations are on rock formations that have been determined to resist scour within the service life of the bridge), by calculations or by installation of properly designed countermeasures (see HEC 23).)

Item 113 changed from U to 5. See Bridge Scour Assessment Procedure Worksheet (DMH 9/28/10)

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### A-60 - Full Girder Painting Needed (Y)

Girders: Uniform freckled rust with no paint on bottom face of bottom flange and bottom face of top flange.

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### A-108 - Load Rating Requested (Yes)

New concrete deck installed prior to 2025 inspection (replacing timber deck/runners).

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### A-B.C.11 - B.C.11 Scour Condition Rating (New NBIS) (8 - Insignificant scour.)

Scour condition is very good, with some very minor erosion at both abutments.

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## Inspection Photos and Notes



Elevation - Right side view



Approach roadway view



Deck - Span 1: Overview



Undersurface - Span 1: Overview





Channel - Left side view



Channel - Right side view



Overview of girders



Asset #14644(Routine)

CR 95/Dakota Road over Long Creek

Location: 3.3 Mi N US 65-Grady - Lincoln County

Team Lead: Phillip Dowell Inspection Date: 12/03/2025

## 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	Yes
A-61 - Polymer Overlay Advised	No
A-62 - Hydro and LMC Advised	No
A-63 - Missing/Incorrect Log Mile Signage	No
A-64 - Vegetation Removal Requested	No
A-65 - Clogged deck drains?	No
A-66 - Approach minor pothole/leveling needed	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 (Yes)**

Girders: Uniform freckled rust with no paint on bottom face of bottom flange and bottom face of top flange.



Overview of girders

**A-61 - Polymer Overlay Advised (No)**

**A-62 - Hydro and LMC Advised (No)**





**Asset #14644**(Routine)

**CR 95/Dakota Road over Long Creek**

**Location: 3.3 Mi N US 65-Grady - Lincoln County**

**Team Lead: Phillip Dowell Inspection Date: 12/03/2025**

**A-63 - Missing/Incorrect Log Mile Signage (No)**

**A-64 - Vegetation Removal Requested (No)**

**A-65 - Clogged deck drains? (No)**

**A-66 - Approach minor pothole/leveling needed (No)**



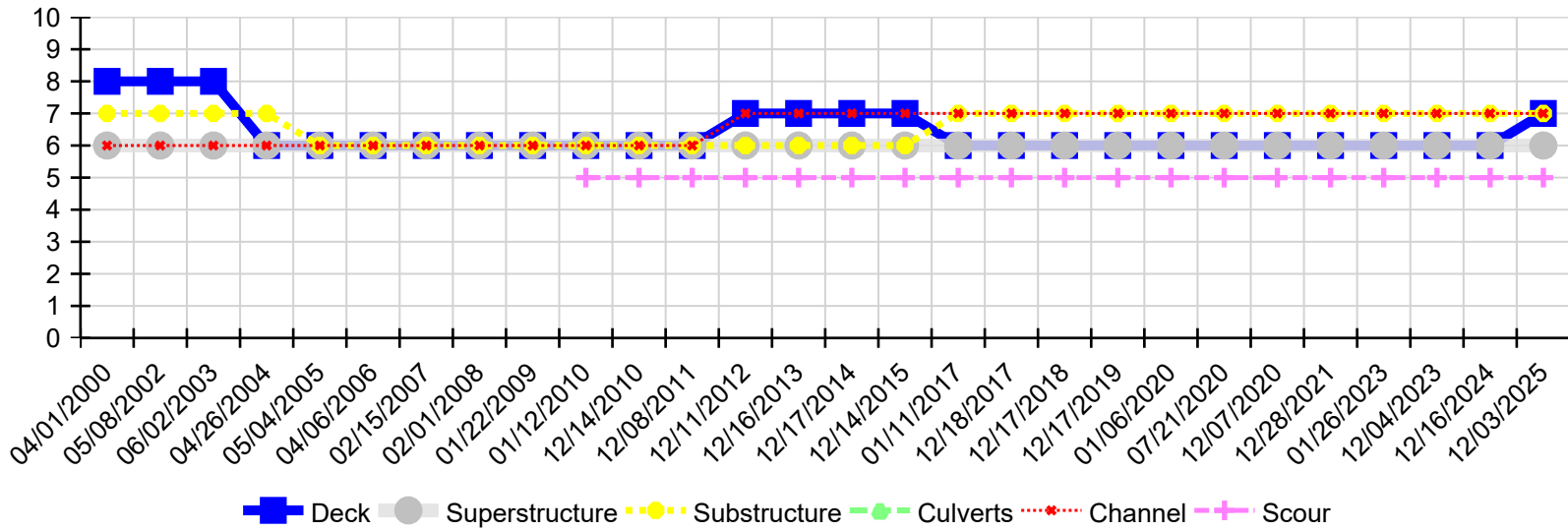
Asset #14644(Routine)

CR 95/Dakota Road over Long Creek

Location: 3.3 Mi N US 65-Grady - Lincoln County

Team Lead: Phillip Dowell Inspection Date: 12/03/2025

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
12/03/2025	7	6	7	N	7	5
12/16/2024	6	6	7	N	7	5
12/04/2023	6	6	7	N	7	5
01/26/2023	6	6	7	N	7	5
12/28/2021	6	6	7	N	7	5
12/07/2020	6	6	7	N	7	5
07/21/2020	6	6	7	N	7	5
01/06/2020	6	6	7	N	7	5
12/17/2019	6	6	7	N	7	5
12/17/2018	6	6	7	N	7	5
12/18/2017	6	6	7	N	7	5
01/11/2017	6	6	7	N	7	5
12/14/2015	7	6	6	N	7	5
12/17/2014	7	6	6	N	7	5
12/16/2013	7	6	6	N	7	5
12/11/2012	7	6	6	N	7	5
12/08/2011	6	6	6	N	6	5
12/14/2010	6	6	6	N	6	5
01/12/2010	6	6	6	N	6	5
01/22/2009	6	6	6	N	6	N
02/01/2008	6	6	6	N	6	N
02/15/2007	6	6	6	N	6	N
04/06/2006	6	6	6	N	6	N
05/04/2005	6	6	6	N	6	N
04/26/2004	6	6	7	N	6	N
06/02/2003	8	6	7	N	6	N
05/08/2002	8	6	7	N	6	N



**Asset #14644**(Routine)

**CR 95/Dakota Road over Long Creek**

**Location: 3.3 Mi N US 65-Grady - Lincoln County**

**Team Lead: Phillip Dowell Inspection Date: 12/03/2025**

Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
04/01/2000	8	6	7	N	6	N