

Bridge 01446 Inspection Report



Latitude:35.10885, Longitude:-91.82864

Route:367 Section:15 Log:8.028

Arnold Road ID:73x367x15xA, Arnold Log mile:8.028

District 05, 145 - White County

Owner: 1 - State Highway Agency

Inspection Direction: 2 - S to N

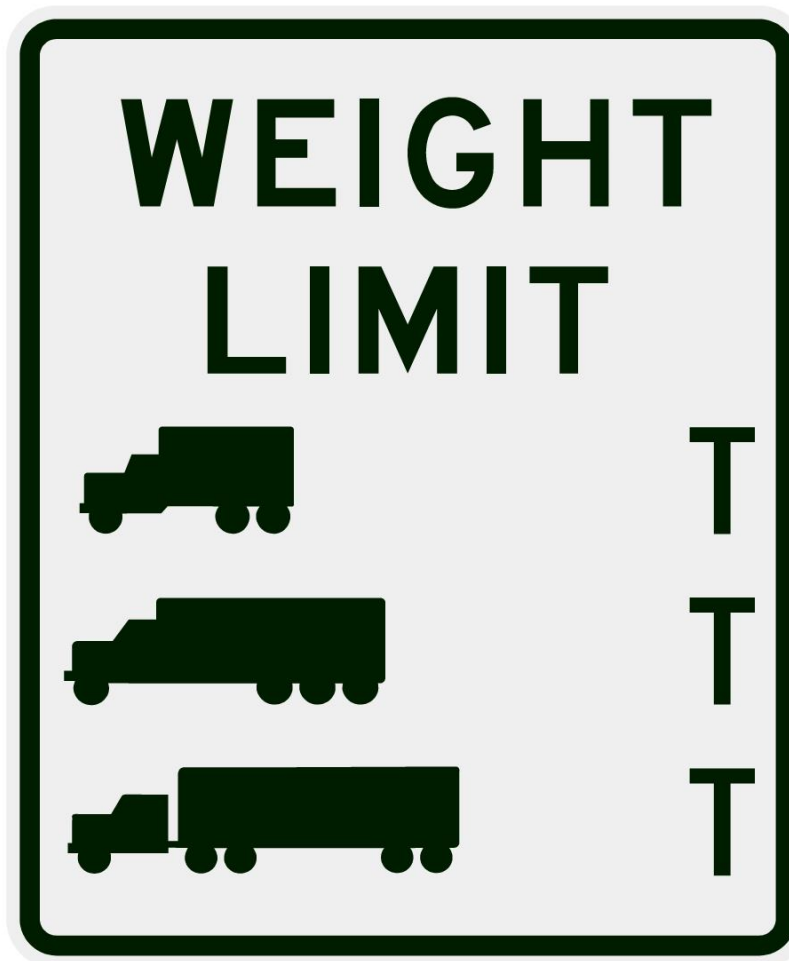
Bridge Posting Information

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

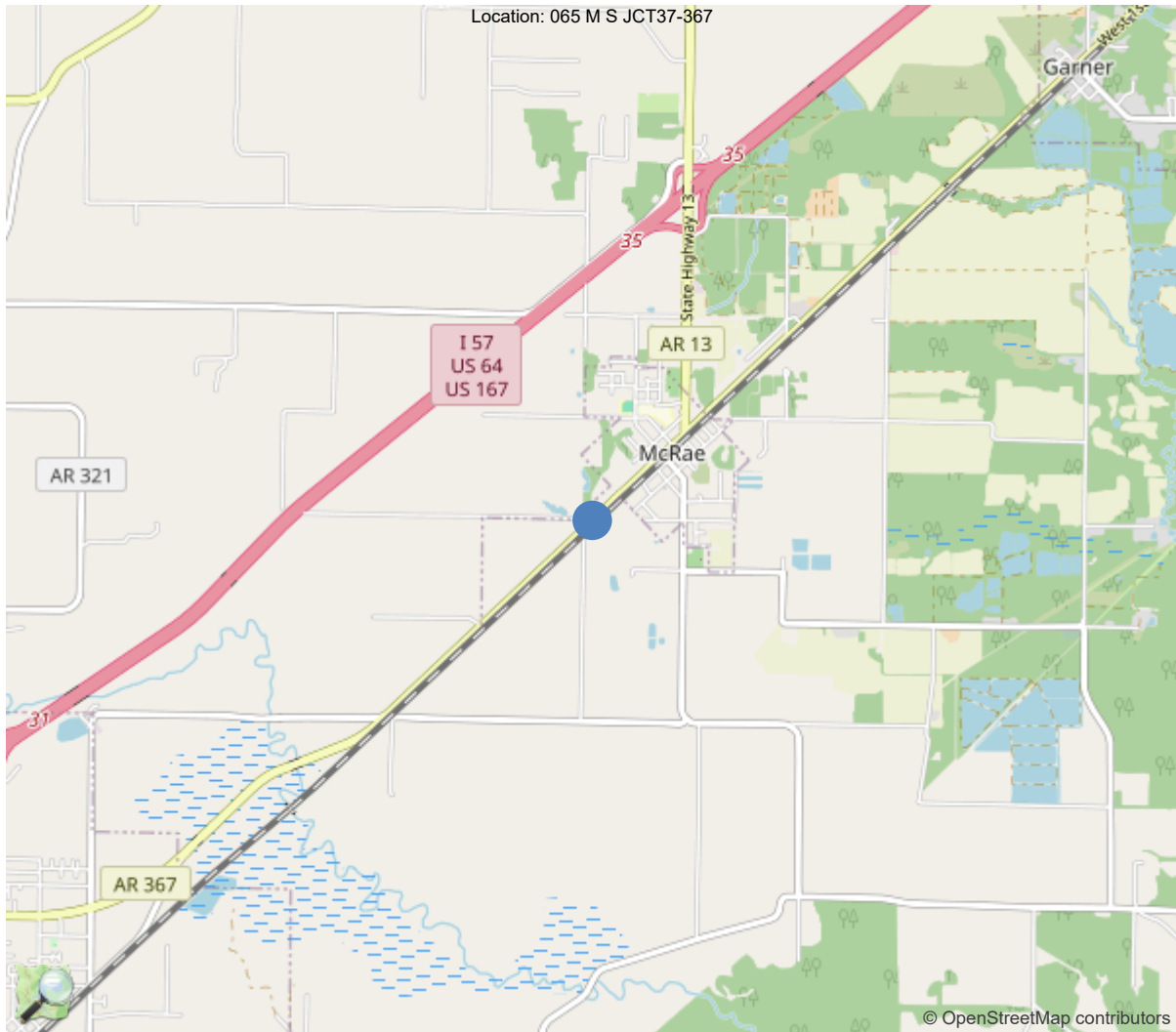
70 - Bridge Posting: 5 - Equal to or above legal loads

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)	44		
Code 5 (40 Tons)	58		

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



35.10885, -91.82864

National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	01446
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	145 - White County
(4) Place Code	43220
(6) Features Intersected	LAWRENCE BAYOU
(7) Facility Carried	SH 367 White Co.
(9) Location	065 M S JCT37-367
(11) Mile Point	8.028 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.10885
(17) Longitude	-91.82864
(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	2
(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	1930
(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	2400
(30) Year of ADT	2024
(109) Truck ADT	%
(19) Bypass, Detour Length	15 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	24 ft
(49) Structure Length	49 ft
(50) Curb or Sidewalk Width	
Left	0.5 ft
Right	0.5 ft
(51) Bridge Roadway Width Curb to Curb	26.9 ft
(52) Deck Width Out to Out	30 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	26.9 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	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	0 - The inventory route is not
(20) Toll	3 - On free road. The structure
(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	6
(60) Substructure	6
(61) Channel & Channel Protection	7
(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	59
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	36
(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	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	1 - Inspected feature meets current
(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	73 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 125
(96) Total Project Cost	\$ 281
(97) Year of Improvement Cost Estimate	2002
(114) Future ADT	3117
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			08/18/2025
(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.			



Asset #01446(Routine, Underwater type 2)

SH 367 White Co. over LAWRENCE BAYOU

Location: 065 M S JCT37-367

Team Lead: Seth Foreman Inspection Date: 08/18/2025

Inspection Notes

General Observation

Elevation with Log Mile running to the Right.

Bridge was inspected by foot with no special equipment or traffic control.

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

Overall deck is in good condition with:

Wearing Surface: Cracking to asphalt overlay.

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

Overall superstructure is in satisfactory condition with minor cracking and a few spalls to girders.

60 - Substructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Overall substructure is in satisfactory condition with spalls with rebar exposed to bent 1. Abutment 2 has spalls and cracking, some with efflor.

62 - Culverts (N - Not applicable. Used if structure is not a culvert.)

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 channel is in good condition with minor scour to column 1 and minor sediment buildup in span 1.

71 - Waterway Adequacy (7 - Slight chance of overtopping bridge deck and roadway approaches.)

72 - Approach Roadway Alignment (8 - Equal to present desirable criteria)

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).)

A-51 - Inspection Direction (2 - S to N)

A-15 - Late Reason



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A-45 - Bats Present (0 - No)

A-108 - Load Rating Requested

A-119 - Scour Assessment Request (No - Scour Assessment not requested at this time.)

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

National Bridge Element Quantities and Notes

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	1470	1470	0	0	0
510	Wearing Surfaces	SF	1323	838	0	485	0
3220	Crack (Wearing Surface)	SF	485	0	0	485	0
(510-16) Cracking to asphalt overlay. 485' CS3							
110	Reinforced Concrete Open Girder/Beam	LF	188	179	7	2	0
1080	Delamination/Spall/Patched Area	LF	2	0	2	0	0
1090	Exposed Rebar	LF	2	0	0	2	0
1120	Efflorescence/Rust Staining	LF	1	0	1	0	0
1130	Cracking (RC and Other)	LF	4	0	4	0	0
(110) Minor cracking to all girders. Span 1: Girder 1 - Spall with rebar exposed to concrete haunch at end of span. CS3 Moderate spalls with rebar exposed to diaphragm between girders 1 & 2 and 3 & 4. CS3 Girder 4 - Spall with 1' rebar exposed to end of girder over cap. 1' CS3 Span 2: Girder 1 - Spall with 1' rebar exposed to concrete haunch. CS3 Girder 2 - 4' longitudinal crack to left side of girder. 4' CS2 1 vertical efflor crack near mid span. 1' CS2 Girder 3 - 2' delaminated area to girder 3 near beginning of span. 2' CS2 Girder 4 - Spall with 6" of rebar exposed at beginning of span. 1' CS3							
205	Reinforced Concrete Column	EA	2	1	1	0	0
6000	Scour	EA	1	0	1	0	0
(205) Minor scour at Column 1 Bent 1. 1 CS2							
210	Reinforced Concrete Pier Wall	LF	21	0	21	0	0
1190	Abrasion/Wear (PSC/RC)	LF	21	0	21	0	0
(210) Abrasion to full width of pier wall. 21' CS2							
215	Reinforced Concrete Abutment	LF	100	92	1	7	0
1080	Delamination/Spall/Patched Area	LF	5	0	0	5	0
1120	Efflorescence/Rust Staining	LF	1	0	1	0	0
1130	Cracking (RC and Other)	LF	2	0	0	2	0
(215) Abutment 2 -							

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
5' spall to wall between girders 1 & 2. 5' CS3 2' diagonal crack to left side. 2' CS3 1 vertical efflor crack to right end of abutment. 1' CS2							
234	Reinforced Concrete Pier Cap	LF	27	12	0	15	0
1080	Delamination/Spall/Patched Area	LF	1	0	0	1	0
1090	Exposed Rebar	LF	2	0	0	2	0
1120	Efflorescence/Rust Staining	LF	2	0	0	2	0
1130	Cracking (RC and Other)	LF	10	0	0	10	0
(234) Bent 1: 5' horizontal crack to backside of cap between girders 1 & 2. 5' CS3 3' spall with 2' of rebar exposed to right end of cap. 1' CS3 (spall), 2' CS3 (rebar) 5' horizontal crack to ahead side of cap between girders 1 & 2. 5' CS3 2 vertical efflor cracks to cap on ahead side. 2' CS3							
304	Open Expansion Joint	LF	27	0	0	27	0
2350	Debris Impaction	LF	27	0	0	27	0
(304) Joint is not visible due to asphalt overlay.							
331	Reinforced Concrete Bridge Railing	LF	98	96	0	2	0
7000	Damage	LF	2	0	0	2	0
(331) Damage to concrete end post @ Abutment 1 Left.							

Inspection Photos and Notes



Elevation with Log Mile going Left.



Roadway with log mile looking northeast.



Heavy abrasion at water level to abutments 1 and 2 and bent 1.



Undersurface photo.



Cracks to asphalt wearing surface.



Right channel.



Left channel.



Overall deck.

Maintenance Needs

Date Reported: 08/25/2015

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component:

Deficiency Description

Cracking & spalls with rebar exposed to diaphragms between Girders 1-4 @ Bent 1.

Remarks



Cracking & spalls with rebar exposed to diaphragms between Girders 1-4 @ Bent 1.



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Maintenance Needs

Date Reported: 08/25/2015

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component: Bridge

Deficiency Description

Span 2, Girder 1 has spall with 1' rebar exposed to concrete Haunch.

Remarks



08/19/2025

Span 2, Girder 1 has spall with 1' rebar exposed to concrete Haunch.



08/25/2015

Span 2 Girder 1 has spall with 1' rebar exposed to concrete Haunch.



08/23/2023

Span 2, Girder 1 has spall with 1' rebar exposed to concrete Haunch.

Maintenance Needs

Date Reported: 08/25/2015

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component: Bridge

Deficiency Description

Impact damage to right guard @ approach at Abutment 1.

Remarks



08/19/2025

Impact damage to right guard @ approach at Abutment 1.



08/25/2015

Impact damage to right guard @ approach at Abutment 1.

Maintenance Needs

Date Reported: 08/25/2015

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component:

Deficiency Description

Spall with 1' of rebar exposed to concrete haunch of Girders 1 and 4 @ Span 1.

Remarks



Spall with 1' of rebar exposed to concrete haunch of Girders 1 and 4 @ Span 1.(Girder 1)



Spall with 1' of rebar exposed to concrete haunch of Girders 1 and 4 @ Span 1.(Girder 2)

Maintenance Needs

Date Reported: 08/25/2015

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component:

Deficiency Description

Large spall with rebar exposed to the right end of cap @ Bent 1.

Remarks



Spall with 1' of rebar exposed to concrete haunch of Girders 1 and 4 @ Span 1.(Girder 1)



Large spall with rebar exposed to the right end of cap @ Bent 1.



Large spall with rebar exposed to the right end of cap @ Bent 1.



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Team Lead: Seth Foreman Inspection Date: 08/18/2025

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	No
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?	
A-66 - Approach minor pothole/leveling needed	

A-54 - Sealable Deck Cracks (No)

A-55 - Deck Washing Needed (No)

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



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Team Lead: Seth Foreman Inspection Date: 08/18/2025

A-57 - Beam End and Bearing Painting 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 (No)

A-64 - Vegetation Removal Requested (No)

A-65 - Clogged deck drains?



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A-66 - Approach minor pothole/leveling needed



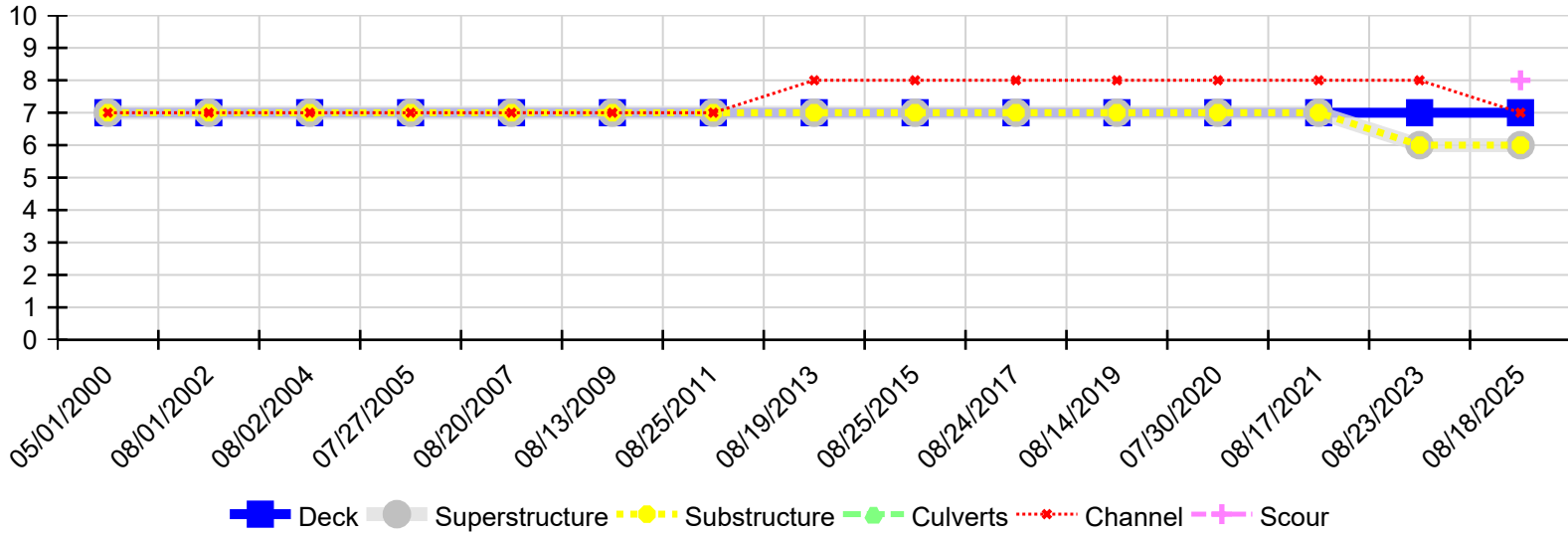
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
08/18/2025	7	6	6	N	7	8
08/23/2023	7	6	6	N	8	N
08/17/2021	7	7	7	N	8	N
07/30/2020	7	7	7	N	8	N
08/14/2019	7	7	7	N	8	N
08/24/2017	7	7	7	N	8	N
08/25/2015	7	7	7	N	8	N
08/19/2013	7	7	7	N	8	N
08/25/2011	7	7	7	N	7	N
08/13/2009	7	7	7	N	7	N
08/20/2007	7	7	7	N	7	N
07/27/2005	7	7	7	N	7	N
08/02/2004	7	7	7	N	7	N
08/01/2002	7	7	7	N	7	N
05/01/2000	7	7	7	N	7	N