

## Bridge 06982 Inspection Report



Latitude:34.41325, Longitude:-92.80619

Route:270 Section:08 Log:0.1

Arnold Road ID:30x270x8xA, Arnold Log mile:0.183

District 06, 59 - Hot Spring County

Owner: 1 - State Highway Agency

Inspection Direction: 4 - W to E

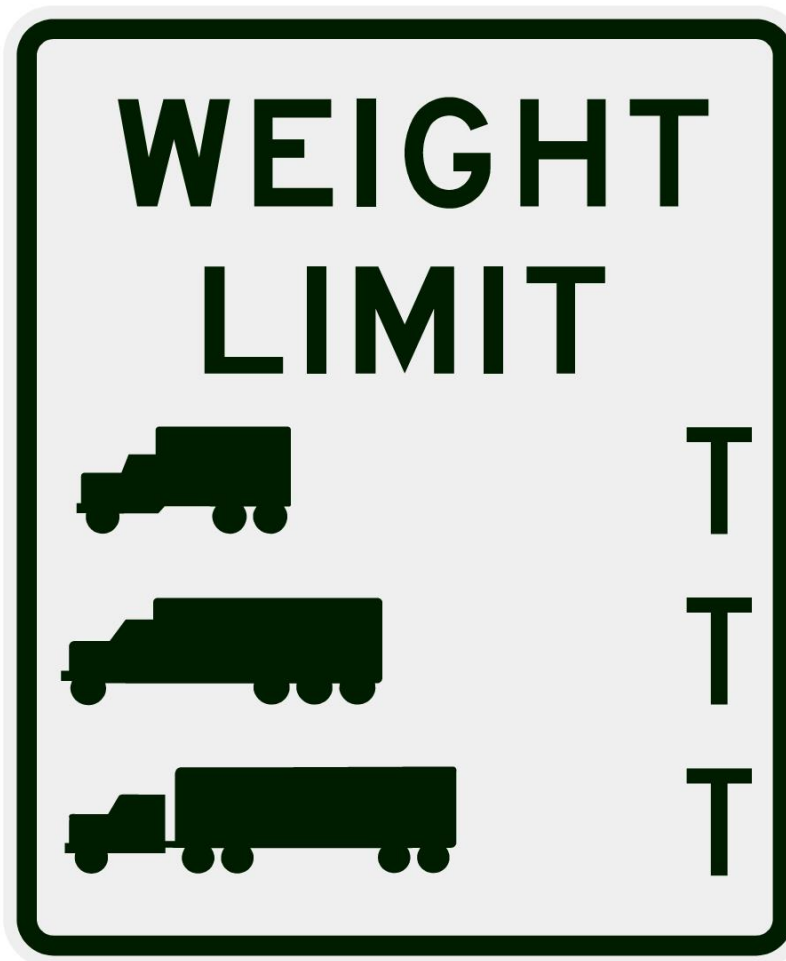
### Bridge Posting Information

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

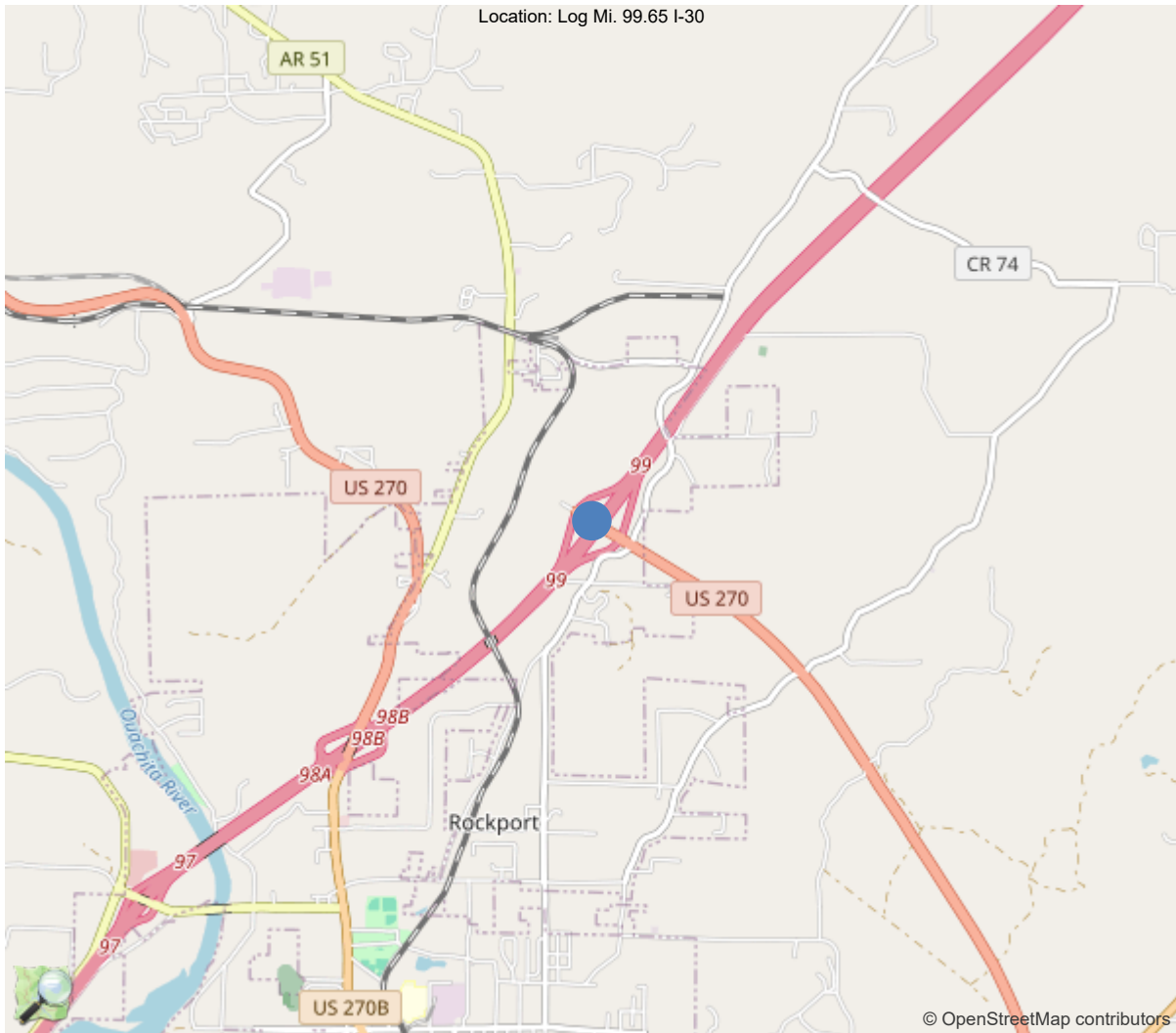
70 - Bridge Posting: 5 - Equal to or above legal loads

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	40		
Code 9 (31 Tons)	50		
Code 5 (40 Tons)	60		

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



34.41325, -92.80619



Asset #06982(Under Record Clearance)

US 270-8 Log 0.93 over I-30 Log 99.65

Location: Log Mi. 99.65 I-30

Team Lead: Caleb Lambert Inspection Date: 07/10/2025

## National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06982
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	59 - Hot Spring County
(4) Place Code	60020
(6) Features Intersected	I-30 Log 99.65
(7) Facility Carried	US 270-8 Log 0.93
(9) Location	Log Mi. 99.65 I-30
(11) Mile Point	0.1 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000270080
(16) Latitude	34.41325
(17) Longitude	-92.80619
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	42
Material	4 - Steel continuous
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	4
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1 - Monolithic Concrete (concurrently pl
Type of Membrane	0 - None
Type of Deck Protection	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2004
(106) Year Reconstructed	0
(42) Type of Service	11
On	1 - Highway
Under	1 - Highway, with or without pedestrian
(28) Lane	
On	3
Under	4
(29) Average Daily Traffic	5800
(30) Year of ADT	2018
(109) Truck ADT	30 %
(19) Bypass, Detour Length	0 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	89 ft
(49) Structure Length	311.2 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	52 ft
(52) Deck Width Out to Out	55.2 ft
(32) Approach Roadway Width (W/Shoulders)	40 ft
(33) Bridge Median	0 - No median
(34) Skew	7 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.01 ft
(47) Inventory Route Total Horiz Clear	40 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	17.3 ft
Ref:	
(55) Min Lat Underclear RT	31.7 ft
Ref:	
(56) Min Lat Underclear LT	27.9 ft
NAVIGATION DATA	
(38) Navigation Control	N - Not applicable, no waterwa
(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	1
(26) Functional Class	14 - Urban Other Principal Art
(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	8
(60) Substructure	8
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	5 - MS 18 / HS 20
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	60
(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	4
(69) Clearances, Vertical/Horizontal	6
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	1 - Inspected feature meets current
(36C) Approach Guardrail	1 - Inspected feature meets current
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(113) Scour Critical Bridges	N - Bridge not over waterway.
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	0
(114) Future ADT	5563
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			09/19/2023
(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: Caleb Lambert, Inspection Date: 07/10/2025

### Specifications for National Bridge Inventory Sheets

IDENTIFICATION	
B.ID.01 Bridge Number	06982
B.ID.02 Bridge Name	
B.ID.03 Previous Bridge No.	
B.W.01 Year Built	2004

LOCATION	
B.L.01 State Code	5 - Arkansas
B.L.02 County Code	59 - Hot Spring County
B.L.03 Place Code	60020 - Rockport
B.L.04 Highway Agency District	06 - District 06
B.L.05 Latitude	34.41325
B.L.06 Longitude	-92.80619
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	Log Mi. 99.65 I-30
B.L.12 Metropolitan Planning Organization	

CLASSIFICATION	
B.CL.01 Owner	S01 - State transportation departme
B.CL.02 Maint. Responsibility	S01 - State transportation departme
B.CL.03 Federal or Tribal Land Access	N - Not Applicable
B.CL.04 Historic Significance	N - Bridge is not eligible for the
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	311.4
B.G.02 Total Bridge Length	311.4
B.G.03 Max Span Length	88.9
B.G.04 Min Span Length	
B.G.05 Bridge Width Out-to-Out	55.1
B.G.06 Bridge Width Curb-to-Curb	51.8
B.G.07 Left Curb or Sidewalk Width	0
B.G.08 Right Curb or Sidewalk Width	0
B.G.09 Approach Roadway Width	40

B.G.10 Bridge Median	0 - No median
B.G.11 Skew	7
B.G.12 Curved Bridge	
B.G.13 Max Bridge Height	
B.G.14 Sidehill Bridge	
B.G.15 Irregular Deck Area	
B.G.16 Calculated Deck Area	17158.14

LOADS AND LOAD RATING	
B.LR.01 Design Load	HS20 - HS-20
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	1
B.LR.06 Operating Load Rating Factor	1.67
B.LR.07 Controlling Legal Load Rating Factor	
B.LR.08 Routine Permit Loads	

INSPECTION REQUIREMENTS	
B.IR.01 NSTM Inspection Required	N - NSTM inspection not required.
B.IR.02 Fatigue 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	7 - GOOD - Some minor defects.
B.C.02 Superstructure Condition	8 - VERY GOOD - Some inherent
B.C.03 Substructure Condition	8 - VERY GOOD - Some inherent
B.C.04 Culvert Condition	N - NOT APPLICABLE - Component
B.C.05 Bridge Railing Condition	
B.C.06 Bridge Railing Transitions Condition	
B.C.07 Bridge Bearings Cond.	
B.C.08 Bridge Joints Condition	
B.C.09 Channel Condition Rating	N - NOT APPLICABLE - Bridge do
B.C.10 Channel Protection Condition	
B.C.11 Scour Condition Rating	N - Bridge does not cross over
B.C.12 Bridge Condition Classification	G - Good
B.C.13 Lowest Condition Rating	7 - GOOD - Some minor defects.
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	
B.AP.03 Scour Vulnerability	
B.AP.04 Scour Plan of Action	0 - A scour POA is not required.
B.AP.05 Seismic Vulnerability	A - Seismic evaluation completed. B



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SPAN SETS			
M1			
B.SP.02 # of Spans	4	B.SP.08 Deck Interaction	
B.SP.03 # of Beam Lines		B.SP.09 Deck Material and Type	CR-T - TEMP - concrete cast-in
B.SP.04 Span Material	S-T - TEMP - steel - S01 or S0	B.SP.10 Wearing Surface	C01 - Concrete - monolithic
B.SP.05 Span Continuity	C-T - TEMP - continuous - 2 or	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	GB-T - TEMP - girder/beam - G0	B.SP.12 Deck Reinforcing Protective System	C01 - Coating - epoxy coated
B.SP.07 Span Protective System		B.SP.13 Deck Stay-In-Place Forms	

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HIGHWAY FEATURES					
H1					
B.F.02 Feature Location	C - Carried on bridge		B.H.09 Annual ADT	5800	
B.F.03 Feature Name	US 270-8 Log 0.93		B.H.10 Annual ADTT	1740	
B.H.01 Functional Classification	3 - Principal Arterial - Other		B.H.11 Year of Annual ADT	2018	
B.H.02 Urban Code	T-U		B.H.12 Highway Max Usable Vertical Clearance	99.9	
B.H.03 NHS Designation	Y - NHS		B.H.13 Highway Min Vertical Clearance	99.9	
B.H.04 National Highway Freight Network	1-T - TEMP - NHFN - 1 or 2 or		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	270080		B.H.16 Highway Max Usable Surface Width	39.6	
B.H.07 LRS Mile Point	0.1		B.H.17 Bypass Detour Length	0	
B.H.08 Lanes On Highway	3		B.H.18 Crossing Bridge Number		
H2					
B.F.02 Feature Location	B - Below bridge		B.H.09 Annual ADT	16500	
B.F.03 Feature Name	I-30 Log 99.65		B.H.10 Annual ADTT	165	
B.H.01 Functional Classification	1 - Interstate		B.H.11 Year of Annual ADT	2014	
B.H.02 Urban Code	99999		B.H.12 Highway Max Usable Vertical Clearance	17.2	
B.H.03 NHS Designation	Y - NHS		B.H.13 Highway Min Vertical Clearance	17.3	
B.H.04 National Highway Freight Network	1-T - TEMP - NHFN - 1 or 2 or		B.H.14 Highway Min Horizontal Clearance, Left	8.2	
B.H.05 STRAHNET Designation	1 - STRAHNET route		B.H.15 Highway Min Horizontal Clearance, Right	32.4	
B.H.06 LRS Route ID	30210		B.H.16 Highway Max Usable Surface Width	65.2	
B.H.07 LRS Mile Point	99.65		B.H.17 Bypass Detour Length	1	
B.H.08 Lanes On Highway			B.H.18 Crossing Bridge Number		
H3					
B.F.02 Feature Location	B - Below bridge		B.H.09 Annual ADT	16500	
B.F.03 Feature Name	I-30 Log 99.65		B.H.10 Annual ADTT	165	
B.H.01 Functional Classification	1 - Interstate		B.H.11 Year of Annual ADT	2014	
B.H.02 Urban Code	99999		B.H.12 Highway Max Usable Vertical Clearance	17.6	
B.H.03 NHS Designation	Y - NHS		B.H.13 Highway Min Vertical Clearance		
B.H.04 National Highway Freight Network	1-T - TEMP - NHFN - 1 or 2 or		B.H.14 Highway Min Horizontal Clearance, Left		
B.H.05 STRAHNET Designation	1 - STRAHNET route		B.H.15 Highway Min Horizontal Clearance, Right		
B.H.06 LRS Route ID	30210		B.H.16 Highway Max Usable Surface Width	63.9	
B.H.07 LRS Mile Point	99.65		B.H.17 Bypass Detour Length	1	
B.H.08 Lanes On Highway			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	270	2-T - TEMP - Two-way traffic - NS or EW	2 - U.S. route	1 - Mainline
H2	1	30E	1-T - TEMP - One-way traffic - NB or EB or SB or WB	1 - Interstate route	1 - Mainline
H3	1	30W	1-T - TEMP - One-way traffic - NB or EB or SB or WB	1 - Interstate route	1 - Mainline



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POSTING STATUS DATA	
B.PS.01 Load Posting Status	B.PS.02 Posting Status Change Date
PO - Permanent and Open	

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





**Asset #06982**(Under Record Clearance)

**US 270-8 Log 0.93 over I-30 Log 99.65**

**Location: Log Mi. 99.65 I-30**

**Team Lead: Caleb Lambert Inspection Date: 07/10/2025**

## Inspection Notes

### General Observation

6-8-2023-CLL-LiDAR Collection of URC. No Change. Measurements snips in inspection.

job 060900 dwg 46176

approach going east

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

Large unsealed longitudinal and transverse cracks in all spans. Spans 2 and 3 are the worse case.

9/20/2023 Deck cracking has been added to the routine maintenance

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### 59 - Superstructure (8 - VERY GOOD CONDITION - no problems noted.)

The superstructure is in good condition. Span 3 at the splice the paint is peeling and bubbling.

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### 60 - Substructure (8 - VERY GOOD CONDITION - no problems noted.)

The only observed deficiency is cracking in the back walls of both abutments.

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Asset #06982(Under Record Clearance)

US 270-8 Log 0.93 over I-30 Log 99.65

Location: Log Mi. 99.65 I-30

Team Lead: Caleb Lambert Inspection Date: 07/10/2025

### National Bridge Element Quantities and Notes

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	17048	12135	3846	1067	0
1120	Efflorescence/Rust Staining	SF	160	0	160	0	0
1130	Cracking (RC and Other)	SF	4753	0	3686	1067	0
(12) Large unsealed longitudinal cracks the entire length of deck And unsealed map cracks the entire length Spans 2 and 3 are in worse condition with the average crack width up to 0.040". Cracks with efflorescence in the soffit overhangs.							
107	Steel Open Girder/Beam	LF	2163	2163	0	0	0
515	Steel Protective Coating	SF	20188	20167	21	0	0
3420	Peeling/Bubbling/Cracking	SF	21	0	21	0	0
(107) Span 2 beams 3,4 & 7 have peeling paint at splice plates. Span 3 beams 1 thru 7 have bubbling paint on the bottom of splice plates. (515-107) Span 3: all girders in this span at the splice the paint has bubbled and a few are beginning to peel.							
205	Reinforced Concrete Column	EA	9	9	0	0	0
(205) No deficiencies observed.							
215	Reinforced Concrete Abutment	LF	151	134	17	0	0
1130	Cracking (RC and Other)	LF	17	0	17	0	0
(215) Both abutments have small with efflorescence in the back walls vertical cracks							
234	Reinforced Concrete Pier Cap	LF	165	151	14	0	0
1130	Cracking (RC and Other)	LF	14	0	14	0	0
(234) Scattered small cracks in the caps.							
300	Strip Seal Expansion Joint	LF	105	0	105	0	0
2350	Debris Impaction	LF	105	0	105	0	0
(300) Both joint seals are full of debris							
310	Elastomeric Bearing	EA	35	35	0	0	0
(310) All bearings are in good condition.							
331	Reinforced Concrete Bridge Railing	LF	618	455	163	0	0
1130	Cracking (RC and Other)	LF	163	0	163	0	0

## Inspection Photos and Notes



09/13/2021

Approach eastbound



Asset #06982(Under Record Clearance)

US 270-8 Log 0.93 over I-30 Log 99.65

Location: Log Mi. 99.65 I-30

Team Lead: Caleb Lambert Inspection Date: 07/10/2025

## Routine Maintenance

### Check Box Maintenance Items

Type of Maintenance	Is Recommended?
A-54 - Sealable Deck Cracks	Yes
A-55 - Deck Washing Needed	Yes
A-56 - Joint Cleaning/Flushing Needed	Yes
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	Yes
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 (Yes)**

**A-55 - Deck Washing Needed (Yes)**

**A-56 - Joint Cleaning/Flushing Needed (Yes)**



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**US 270-8 Log 0.93 over I-30 Log 99.65**

**Location: Log Mi. 99.65 I-30**

**Team Lead: Caleb Lambert Inspection Date: 07/10/2025**

**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 (Yes)**

**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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**Location: Log Mi. 99.65 I-30**

**Team Lead:** Caleb Lambert **Inspection Date:** 07/10/2025

**A-66 - Approach minor pothole/leveling needed**





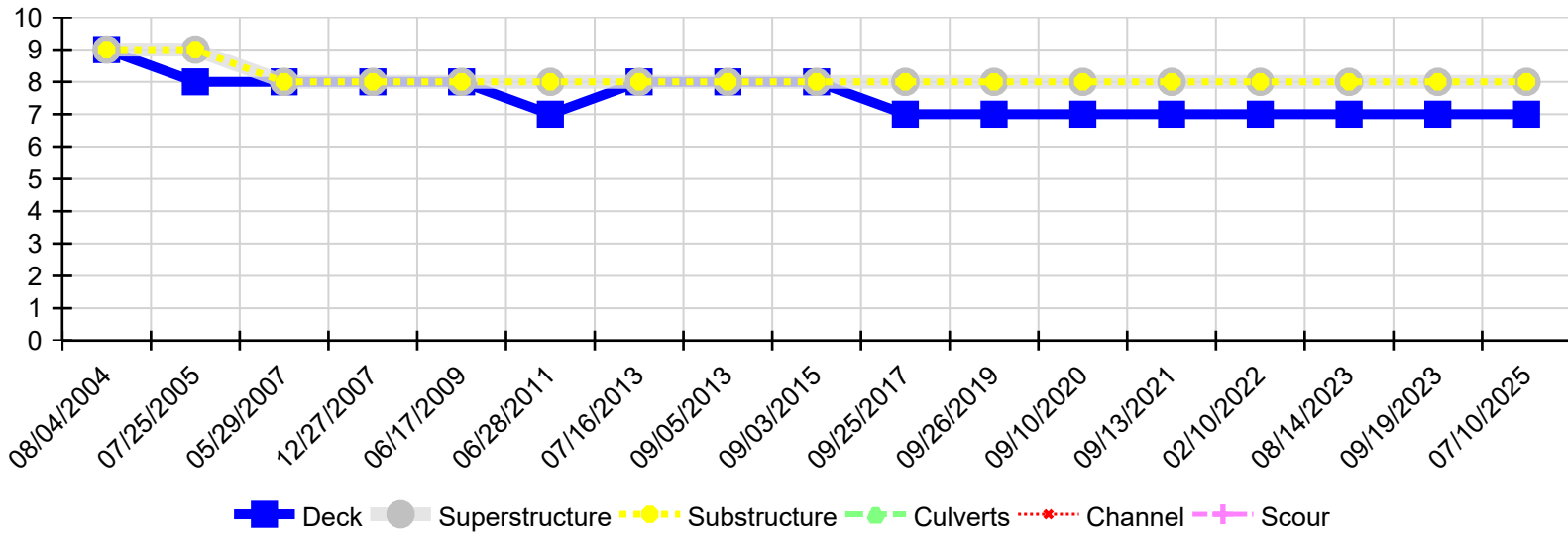
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
07/10/2025	7	8	8	N	N	N
09/19/2023	7	8	8	N	N	N
08/14/2023	7	8	8	N	N	N
02/10/2022	7	8	8	N	N	N
09/13/2021	7	8	8	N	N	N
09/10/2020	7	8	8	N	N	N
09/26/2019	7	8	8	N	N	N
09/25/2017	7	8	8	N	N	N
09/03/2015	8	8	8	N	N	N
09/05/2013	8	8	8	N	N	N
07/16/2013	8	8	8	N	N	N
06/28/2011	7	8	8	N	N	N
06/17/2009	8	8	8	N	N	N
12/27/2007	8	8	8	N	N	N
05/29/2007	8	8	8	N	N	N
07/25/2005	8	9	9	N	N	N
08/04/2004	9	9	9	N	N	N