

Bridge M3983 Inspection Report



Latitude:36.01539, Longitude:-90.69624

Route:141 Section:02 Log:3.85

Arnold Road ID:28x141x2xA, Arnold Log mile:3.805

District 10, 55 - Greene County

Owner: 1 - State Highway Agency

Inspection Direction: 2 - S to N

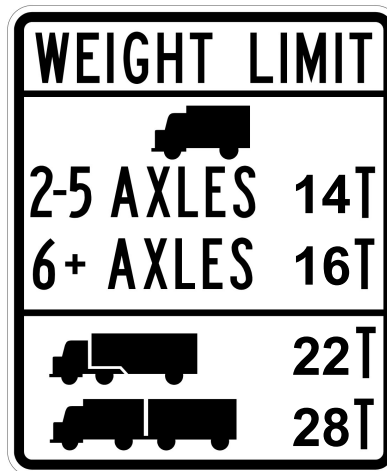
Bridge Posting Information

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

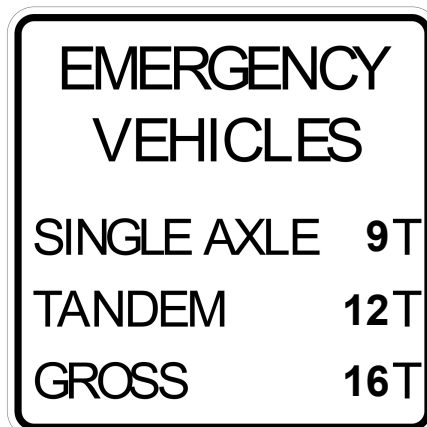
70 - Bridge Posting: 0 - > 39.9% below

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
2-5 Axles Posting	14	14	14
6+ Axles Posting	16	16	16
Truck and Trailer Posting	22	22	22
Truck and Dual Trailer Posting	28	28	28
EV - Single Posting	9	9	9
EV - Tandem Posting	12	12	12
EV - Gross Posting	16	16	16

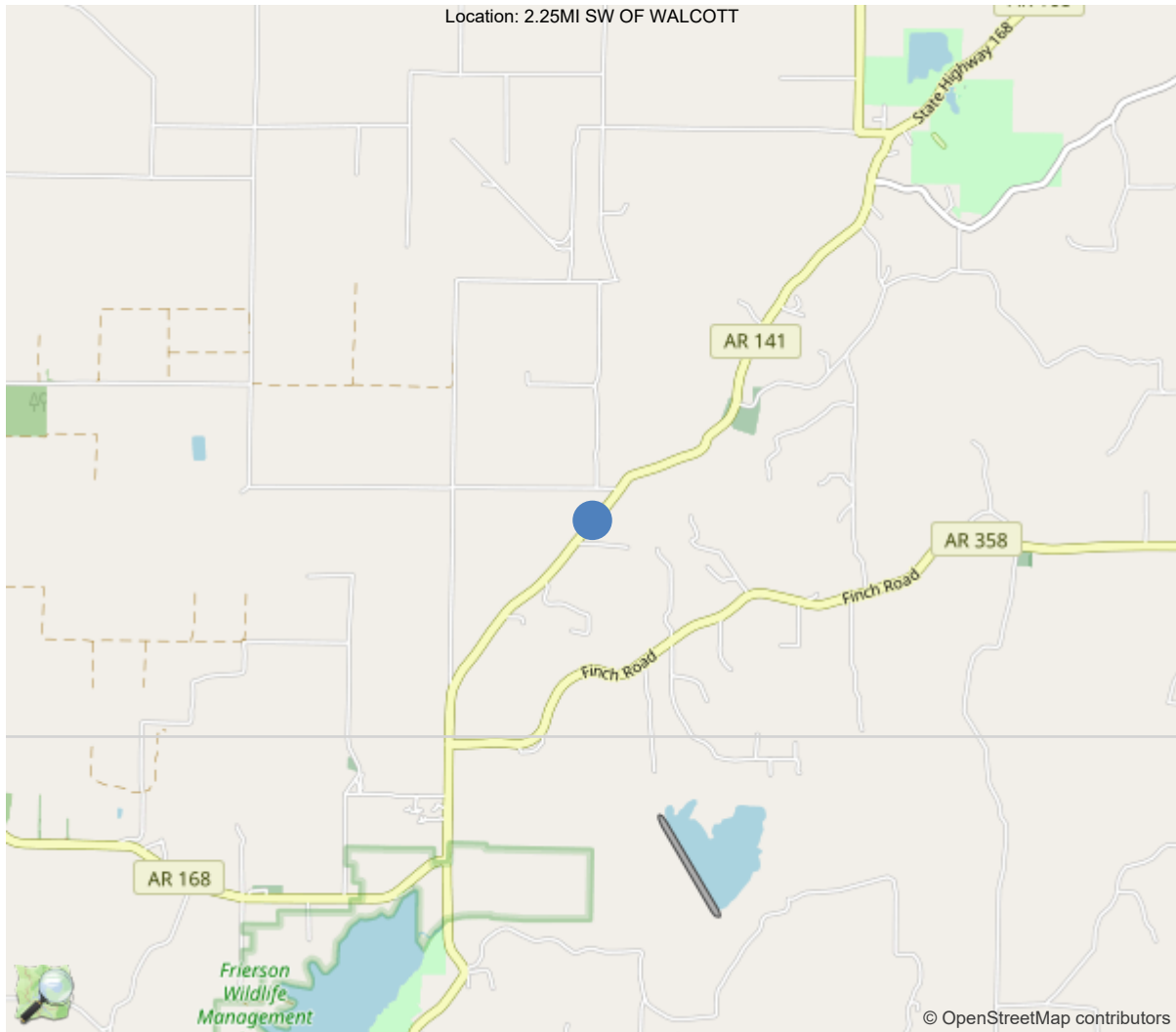
If calculated capacity is less than the Legal Load Listed, the Bridge Legally Requires Posting Signs to be installed by the Bridge Owner.



ARDOT
W/ MUTCD TRUCKS
R12-6



MUTCD 11TH EDITION
R12-7aP



36.01539, -90.69624

National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	M3983
(5) Inventory Route	1
(2) Highway Agency District	10 - District 10
(3) County Code	55 - Greene County
(4) Place Code	0
(6) Features Intersected	POPLAR CREEK
(7) Facility Carried	SH 141-02- LM 3.85
(9) Location	2.25MI SW OF WALCOTT
(11) Mile Point	3.85 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000141020
(16) Latitude	36.01539
(17) Longitude	-90.69624
(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	5
(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	1977
(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	940
(30) Year of ADT	2024
(109) Truck ADT	%
(19) Bypass, Detour Length	3 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	29 ft
(49) Structure Length	145 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	28 ft
(52) Deck Width Out to Out	30.8 ft
(32) Approach Roadway Width (W/Shoulders)	30.8 ft
(33) Bridge Median	0 - No median
(34) Skew	45 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	28 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	6 - Rural Minor Arterial
(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	5
(59) Superstructure	6
(60) Substructure	4
(61) Channel & Channel Protection	6
(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	15
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	11
(70) Bridge Posting	0 - > 39.9% below
(41) Structure Open/Posted/Closed	P - Posted for load (may include
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(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	35 - Bridge rehabilitation bec
(76) Length of Structure Improvement	145 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 0
(96) Total Project Cost	\$ 191
(97) Year of Improvement Cost Estimate	1995
(114) Future ADT	1017
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			06/10/2024
(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.			

Team Lead: Cory Shaw, Inspection Date: 11/05/2025

Specifications for National Bridge Inventory Sheets

IDENTIFICATION	
B.ID.01 Bridge Number	M3983
B.ID.02 Bridge Name	
B.ID.03 Previous Bridge No.	M2004
B.W.01 Year Built	1977

LOCATION	
B.L.01 State Code	5 - Arkansas
B.L.02 County Code	55 - Greene County
B.L.03 Place Code	00000 - N/A
B.L.04 Highway Agency District	10 - District 10
B.L.05 Latitude	36.01539
B.L.06 Longitude	-90.69624
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	2.25MI SW OF WALCOTT
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	142.6
B.G.02 Total Bridge Length	145
B.G.03 Max Span Length	28.9
B.G.04 Min Span Length	27.3
B.G.05 Bridge Width Out-to-Out	30.8
B.G.06 Bridge Width Curb-to-Curb	27.9
B.G.07 Left Curb or Sidewalk Width	0
B.G.08 Right Curb or Sidewalk Width	0
B.G.09 Approach Roadway Width	30.8

B.G.10 Bridge Median	0 - No median
B.G.11 Skew	45
B.G.12 Curved Bridge	N - Not curved
B.G.13 Max Bridge Height	17
B.G.14 Sidehill Bridge	N - Not a sidehill bridge
B.G.15 Irregular Deck Area	
B.G.16 Calculated Deck Area	4466.0

LOADS AND LOAD RATING	
B.LR.01 Design Load	U - Unknown
B.LR.02 Design Method	U - Unknown
B.LR.03 Load Rating Date	
B.LR.04 Load Rating Method	LFR - Load Factor Rating
B.LR.05 Inventory Load Rating Factor	0.14
B.LR.06 Operating Load Rating Factor	0.22
B.LR.07 Controlling Legal Load Rating Factor	0.39
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	5 - FAIR - Some moderate defec
B.C.02 Superstructure Condition	6 - SATISFACTORY - Widespread
B.C.03 Substructure Condition	4 - POOR - Widespread moderate
B.C.04 Culvert Condition	N - NOT APPLICABLE - Component
B.C.05 Bridge Railing Condition	6 - SATISFACTORY - Widespread
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	4 - POOR - Widespread moderate
B.C.09 Channel Condition Rating	6 - SATISFACTORY - Widespread
B.C.10 Channel Protection Condition	N - NOT APPLICABLE - Bridge do
B.C.11 Scour Condition Rating	6 - Widespread minor or isolat
B.C.12 Bridge Condition Classification	P - Poor
B.C.13 Lowest Condition Rating	4 - POOR - Widespread moderate
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	1 - Remote - once every 100 years o
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: Cory Shaw, Inspection Date: 11/05/2025

SPAN SETS			
M1			
B.SP.02 # of Spans	5	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	B01 - Bituminous (asphalt)
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	0 - None

SUBSTRUCTURE SETS			
A1			
B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	T03 - Timber - solid sawn	B.SB.06 Foundation Type	P05 - Pile - timber
B.SB.04 Substructure Type	A08 - Abutment - pile bent wit	B.SB.07 Foundation Protective System	0 - None
P1			
B.SB.02 No. of Substructure Units	4	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	T03 - Timber - solid sawn	B.SB.06 Foundation Type	P05 - Pile - timber
B.SB.04 Substructure Type	B03 - Bent - pile	B.SB.07 Foundation Protective System	0 - None

HIGHWAY FEATURES			
H1			
B.F.02 Feature Location	C - Carried on bridge	B.H.09 Annual ADT	980
B.F.03 Feature Name	SH 141-02- LM 3.85	B.H.10 Annual ADTT	9
B.H.01 Functional Classification	4 - Minor Arterial	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	1410201	B.H.16 Highway Max Usable Surface Width	27.8
B.H.07 LRS Mile Point	3.85	B.H.17 Bypass Detour Length	3
B.H.08 Lanes On Highway	2	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	141	2-T - TEMP - Two-way traffic - NS or EW	3 - State route	1 - Mainline

Team Lead: Cory Shaw, Inspection Date: 11/05/2025

WATERWAY FEATURES			
W1			
B.F.02 Feature Location	B - Below bridge	B.N.03 Movable Bridge Max Navigation Vertical Clearance	
B.F.03 Feature Name	POPLAR 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	

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
AR Type 3	0.59	T - Truck Load	14
AR SU4	0.45	T - Truck Load	14
AR SU5	0.42	T - Truck Load	14
AR CMM2	0.46	T - Truck Load	14
AR CMM3	0.41	T - Truck Load	14
AR SU6	0.45	T - Truck Load	16
AR SU7	0.47	T - Truck Load	16
AR 3S2	0.54	T - Truck Load	22
AASHTO Type 3-3	0.7	T - Truck Load	28
FHWA Type EV2 emergency vehicl	0.57	A - Single Axle Load	9
FHWA Type EV2 emergency vehicl	0.57	G - Gross Load	16
FHWA Type EV3 emergency vehicl	0.39	D - Tandem Axle Load	12
FHWA Type EV3 emergency vehicl	0.39	G - Gross Load	16



Inspection Notes

General Observation

Equipment: Waders and GoPro.

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

Sign's installed by District Sign Crew on 11/4/2025.

58 - Deck (5 - FAIR CONDITION - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.)

Overall, the Deck is in Fair condition.

Overhangs have areas of concrete disintegration with rebar exposed under drains, especially at end spans.

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

Overall, the Superstructure is in Satisfactory condition.

Ends of several girders were cleaned and painted or T-spliced in 2018. Some areas that were cleaned and painted have section loss (1/16" – 1/8").

60 - Substructure (4 - POOR CONDITION - advanced section loss, deterioration, spalling or scour.)

Other Special Recurring for Substructure only. All other notes left in place from previous inspection.

Overall, the Substructure is in Poor condition.

National Bridge Element Quantities and Notes

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	4466	3581	152	733	0
1080	Delamination/Spall/Patched Area	SF	725	0	0	725	0
1090	Exposed Rebar	SF	8	0	0	8	0
1190	Abrasion/Wear (PSC/RC)	SF	152	0	152	0	0
510	Wearing Surfaces	SF	3698	2793	652	253	0
3210	Delam/Spall/Patched Area/Pothole	SF	688	0	652	36	0
3220	Crack (Wearing Surface)	SF	217	0	0	217	0
(12) Overhangs have areas of concrete disintegration with rebar exposed under drains, especially at end spans. CS3							
(510-12) Deck was chip sealed in 2016. Wearing surface is cracked and raveling out over joints and along gutters. Wearing surface has delaminated areas along gutters and outside wheel path. CS3 Asphalt has a few patched areas. CS2							
107	Steel Open Girder/Beam	LF	1160	686	434	40	0
1000	Corrosion	LF	474	0	434	40	0
515	Steel Protective Coating	SF	7820	3830	0	3150	840
3440	Effectiveness (Steel Protective Coatings)	SF	3990	0	0	3150	840
(107) Ends of several girders were cleaned and painted or T-spliced in 2018. Some areas that were cleaned and painted have section loss remaining (1/16" – 1/8").							
Ends of girders have some active corrosion.							
Span 1 bent 1 girder 1 was t spliced in 2018. End of girder has active corrosion with some initial section loss. CS2							
Span 1 bent 1 girder 2 has active corrosion with some section loss along bottom of web. CS3							
Span 1 bent 1 girder 3 was t spliced in 2018.							
Span 1 bent 1 girders 2, 4, 6, 7, and 8 were cleaned and painted but still has section loss along bottom of web and bottom flange. CS3							
Span 1 bent 2 girders 1, 2, and 3 were cleaned and painted but still have section loss along bottom of web and bottom flange. CS3							
Span 1 bent 2 girder 4 has 24" x 12" plates welded over holes at bottom of web.							
Span 1 bent 2 girders 5 – 8 were T-spliced in the past.							
Span 2 bent 2 girders 1, 2, and 3 were cleaned and painted but still have section loss along bottom of web and bottom flange. CS3							
Span 2 bent 2 girder 4 was cleaned and painted in the past. Bottom of web has a pin hole 8" from end of girder. CS3							
Span 2 bent 2 girders 5 – 8 were T-spliced.							
Span 2 bent 3 girders 1, 2, and 3 were cleaned and painted for 7', but still have some section loss along bottom of web and bottom flange. CS3							
Span 2 bent 3 girders 4 – 8 were T-spliced in the past.							
Span 3 bent 3 girders 1 – 5 and 8 were cleaned and painted for 7', but still has some section loss along bottom of web and bottom flange. CS3							
Span 3 bent 3 girders 6 and 7 were T-spliced in the past.							
Span 3 bent 4 girders 1 – 7 were T-spliced in the past.							
Span 3 bent 4 girder 8 has a 32" x 5 ¾" angle and a 32" x 4" angle bolted to bottom flange and bottom of web.							
Span 4 bent 4 girders 1 – 3, and 5 were T-spliced in the past.							



Asset #M3983(Record Change)

SH 141-02- LM 3.85 over POPLAR CREEK

Location: 2.25MI SW OF WALCOTT

Team Lead: Cory Shaw Inspection Date: 11/05/2025

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
<p>Span 4 bent 4 girders 4, 6, and 7 have plates bolted over holes at end of web. Span 4 bent 4 girder 8 has 32" x 5 3/4" angles bolted on bottom flange and bottom of web.</p> <p>Span 4 bent 5 girders 1, 4, 5, and 6 plates bolted over holes at end of web. Span 4 bent 5 girders 2 and 3 were T-spliced in the past. Span 4 bent 5 girders 6 and 7 were cleaned and painted, but section loss still exists along bottom of web and bottom flange. CS3</p> <p>Span 5 bent 5 girders 1, 2, 6, 7, and 8 were T-spliced in the past. Span 5 bent 5 girder 3 was cleaned and painted in the past. Span 5 bent 5 girders 4 and 5 plates bolted over holes at end of web.</p> <p>Span 5 bent 6 girder 1 has plates welded over holes along bottom of web. Span 5 bent 6 girders 2, 3, 4, 5, and 7 were cleaned and painted. Span 5 bent 6 girder 6 has plates bolted over holes and crack at end of web. Span 5 bent 6 girders 8 has plates bolted over holes at end of web.</p>							
216	Timber Abutment	LF	144	0	0	108	36
1140	Decay/Section Loss	LF	144	0	0	108	36
<p>(216) Other Special Recurring for Substructure only. All other notes left in place from previous inspection.</p> <p>Bent 1 back wall is decayed and hollow. 60' CS3, 7' CS4 Bent 1 back wall is caving in on girder 6. 5' CS4</p> <p>Bent 6 back wall is decayed and hollow. 48' CS3, 24' CS4 Roadway is losing some embankment through wall. Bent 6 top of back wall on the Right side has settled and rotated away from bridge end.</p>							
228	Timber Pile	EA	48	2	39	4	3
1140	Decay/Section Loss	EA	9	0	2	4	3
1150	Check/Shake	EA	37	0	37	0	0
<p>(228) Other Special Recurring for Substructure only. All other notes left in place from previous inspection.</p> <p>All timber pile have minor checks throughout. 37EA CS2</p> <p>Bent 1 pile 1 top 2.5' has a large check, piling is solid, as built condition. Bent 1 pile 3 has outside decay. 1EA CS2</p> <p>Bent 3 pile 4 was spliced with a concrete collar at ground line in 2018. Bent 3 pile 7 has up to 1.5" outside decay at ground line. 1EA CS3 Bent 3 pile 8 was spliced with a concrete collar at ground line in 2018.</p> <p>Bent 4 pile 1 decayed and partially hollow at x brace connection. 1EA CS3 Bent 4 pile 5 has 2" of outside decay at ground line. 1EA CS3</p> <p>Bent 5 pile 6 is decayed and hollow on back side at knot approximately 4' above ground level. 1EA CS4</p> <p>Bent 6 pile 1 is decayed and hollow. 1EA CS4 Bent 6 pile 2 has 2" of outside decay at ground line. 1EA CS3 Bent 6 pile 6 has some outside decay at ground line. 1EA CS2 Bent 6 pile 8 is decayed, split and partially hollow. 1EA CS4</p>							
235	Timber Pier Cap	LF	269	51	142	57	19
1140	Decay/Section Loss	LF	47	0	0	28	19

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
1150	Check/Shake	LF	170	0	141	29	0
1170	Split/Delamination (Timber)	LF	1	0	1	0	0
(235) Other Special Recurring for Substructure only. All other notes left in place from previous inspection.							
Timber caps have minor checks throughout. 141' CS2 Caps are decayed and hollow on the ends. 9' CS3							
Bent 1 cap on Right end has a deep check halfway through cap. Cap is partially hollow on top between girders 7 & 8. Decay 6' CS3							
Bent 2 cap has a splice over pile 4 and sub cap over piles 3 and 4.							
**Repaired: Bent 2 cap has a splice over pile 4 and sub cap over piles 3 and 4. Sub cap is decayed and hollow over pile 4 with some minor crushing. Ahead face has deep checks and is partially hollow. Bent 2 cap is decayed and partially hollow with checks from pile 1 to pile 3, and from pile 4 - 6. **D10 bridge crew replaced with 51' length cap, 6-25-2025. **Adjusted elements for longer cap then previously installed.							
Bent 3 cap (44' length) has a splice over pile 5 and sub cap over piles 5 and 6, with checks on top of cap throughout.							
Bent 4 cap has a splice over pile 4 and sub cap over piles 3 and 4. Bent 4 cap (44' length) is partially hollow with deep checks and some crushing over piles 2 and 5 - 7. Cap is decayed and partially hollow on both Left (1') and Right (1') ends. Checks 29' CS3, Decay 13' CS3							
Bent 5 cap is split and hollow from pile 5 to Right end. Top of cap is crushing under girders 7 and 8. Decay 19' CS4 Bent 5 cap Left end has a corner split on bottom ahead side. Split 1' CS2							
331	Reinforced Concrete Bridge Railing	LF	290	201	82	7	0
1080	Delamination/Spall/Patched Area	LF	7	0	0	7	0
1090	Exposed Rebar	LF	43	0	43	0	0
1130	Cracking (RC and Other)	LF	39	0	39	0	0
(331) Bridge rails have cracks, delaminated areas, and a few areas of exposed rebar from lack of coverage. CS2 and 3							

Inspection Photos and Notes



11/05/2025

Load postings



11/05/2025

Load postings



06/10/2024

Elevation

Maintenance Needs

Date Reported: 06/15/2023

Priority: A - Safety deficiency; requires prompt action

Status: Assigned

Type of Work: Substructure Repair

Component: Substructure

Deficiency Description

Bent 4 cap is partially hollow with deep checks and some crushing over piles 2 and 5 - 7. Cap is decayed and partially hollow on both Left and Right ends.

Remarks

Increased to A priority over bent 5 cap. RRJ

**Repaired: Bent 2 cap has a splice over pile 4 and sub cap over piles 3 and 4. Sub cap is decayed and hollow over pile 4 with some minor crushing. Ahead face has deep checks and is partially hollow. Bent 2 cap is decayed and partially hollow with checks from pile 1 to pile 3, and from pile 4 - 6. **D10 bridge crew replaced with 51' length cap, 6-25-2025.

***Bent 5 cap is split and hollow from pile 5 to Right end. Top of cap is crushing under girders 7 and 8. ***Repaired by local D10 bridge maintenance crew on 8-20-2025.



Bent 2 cap ahead side. Replaced by D10 bridge crew 6-26-2025.



Bent 5 cap back side between girder 7&8



Bent 5 cap back side (girder 7 on Right)



Bent 5 cap back side between girder 6&7



Bent 4 cap Right end



Bent 4 cap Left end



Bent 5 cap back side



Bent 4 cap back side



Bent 2 cap ahead side



Bent 2 cap Left Splice over pile 4



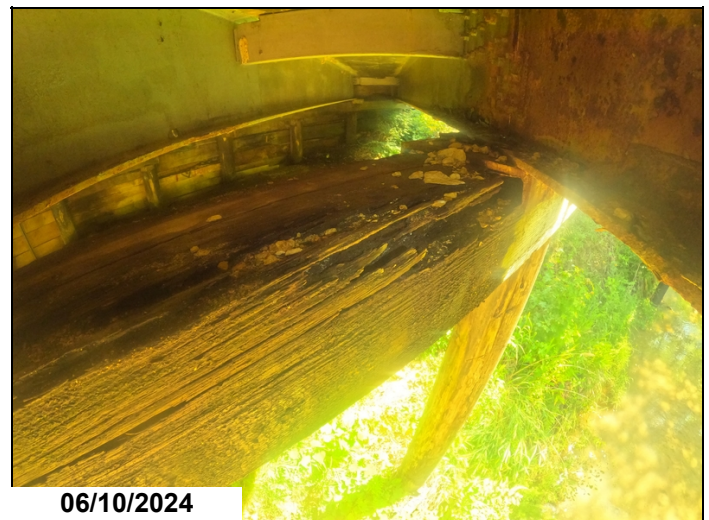
Bent 2 sub cap over pile 4



Bent 4 cap left



Bent 4 cap left



Bent 5 cap back side under girder 8



Bent 5 top of cap between girders 7&8



Bent 5 cap under girder 8



2023 - Bent 5 spacer under girder 4



2023 - Bent 5 cap under girder 7



2023 - Bent 5 cap under girder 8



2023 - Bent 2 sub cap over pile 4



2023 - Bent 2 sub cap ahead face



Bent 5 cap between piles 7 and 8 2019

Maintenance Needs

Date Reported: 05/03/2011

Priority: C - Important

Status: Monitor

Type of Work: Piling Repair/Replace

Component: Substructure

Deficiency Description

Bent 3 pile 7 has up to 1.5" outside decay at ground line.

Bent 4 pile 1 decayed and partially hollow at x brace connection.

Bent 4 pile 5 has 2" of outside decay at ground line.

Bent 6 pile 2 has 1.5" of outside decay at ground line.

Remarks

Bent 3 pile 8 has 1" of outside decay at ground line. Bent 3 pile 8 has been repaired. Observed at 06-24-2020 inspection. JFA/CWS



Bent 4 pile 1



Bent 3 pile 7



Bent 6 Pile 2



Bent 4 Pile 5



Bent 3 pile 8 replaced

Maintenance Needs

Date Reported: 05/03/2011

Priority: C - Important

Type of Work: Substructure Repair

Status: Monitor

Component: Substructure

Deficiency Description

Bent 1 back wall is decayed and hollow.
Bent 1 back wall is caving in on girder 6.

Bent 6 back wall is decayed and hollow. Roadway is losing some embankment through wall.
Bent 6 top of back wall on the right side has settled and rotated away from bridge end.

Remarks



Bent 6 backwall



Bent 6 backwall



Bent 1 backwall



Bent 1 backwall



Approach at end / Bent 6 backwall



Bent 1 back wall at girder 6

Maintenance Needs

Date Reported: 06/25/2025

Priority: C - Important

Type of Work: Substructure Repair

Status: Monitor

Component: Substructure

Deficiency Description

Bent 1 cap on Right end has a deep check halfway through cap. Cap is partially hollow on top between girders 7 & 8.
Bent 5 Cap Left end has a corner split on bottom ahead side.

Remarks



Bent 1 cap between girders 7&8



Bent 1 cap Right end

Maintenance Needs

Date Reported: 05/03/2011

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component: Deck

Deficiency Description

Overhangs have areas of concrete disintegration with rebar exposed under drains, especially at end spans.

Remarks



Span 1 Rt

Maintenance Needs

Date Reported: 06/26/2020

Priority: D- Routine

Status: Monitor

Type of Work: Approach Leveling/Maintenance

Component: Approach

Deficiency Description

Approach roadways have settlement at each end of bridge. Asphalt is cracked and raveling out along joints.

Remarks

to Greene Co Crew for repair KAW 7/6/2020



Bent 3 joint



Span 2 Rt lane



Bent 1 approach



Bent 6 Rt lane



Bent 6 right side at edge line



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)



Asset #M3983(Record Change)
SH 141-02- LM 3.85 over POPLAR CREEK
Location: 2.25MI SW OF WALCOTT
Team Lead: Cory Shaw Inspection Date: 11/05/2025

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 (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?



Asset #M3983(Record Change)

SH 141-02- LM 3.85 over POPLAR CREEK

Location: 2.25MI SW OF WALCOTT

Team Lead: Cory Shaw Inspection Date: 11/05/2025

A-66 - Approach minor pothole/leveling needed



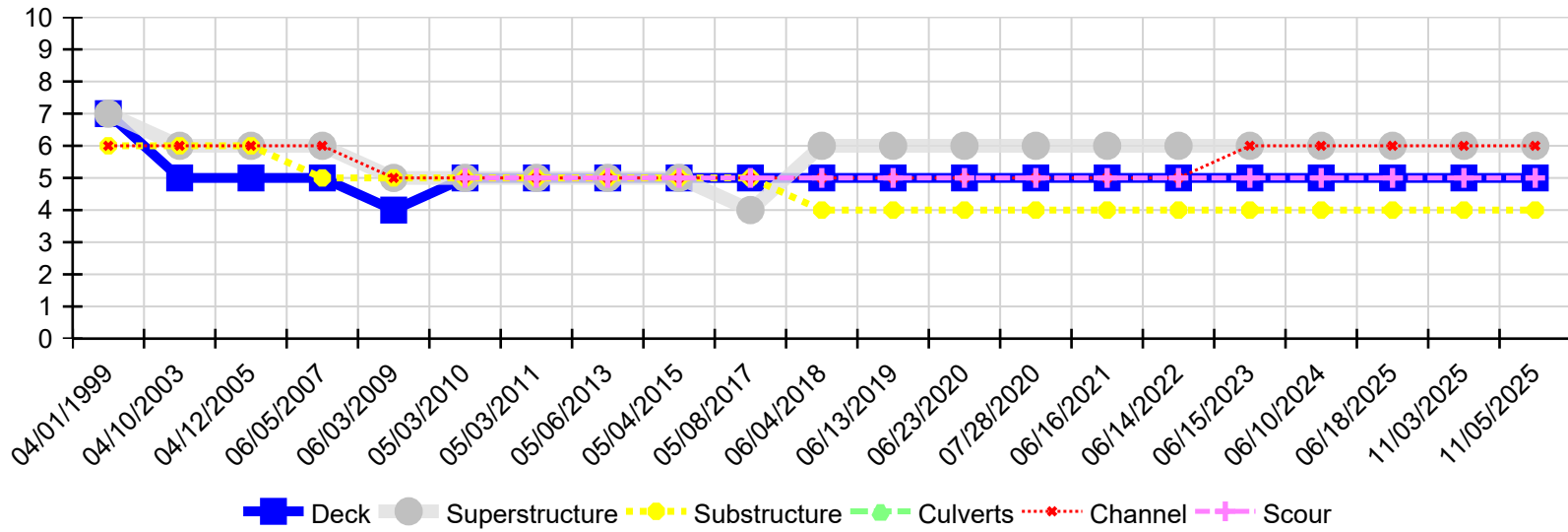
Asset #M3983(Record Change)

SH 141-02- LM 3.85 over POPLAR CREEK

Location: 2.25MI SW OF WALCOTT

Team Lead: Cory Shaw Inspection Date: 11/05/2025

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
11/05/2025	5	6	4	N	6	5
11/03/2025	5	6	4	N	6	5
06/18/2025	5	6	4	N	6	5
06/10/2024	5	6	4	N	6	5
06/15/2023	5	6	4	N	6	5
06/14/2022	5	6	4	N	5	5
06/16/2021	5	6	4	N	5	5
07/28/2020	5	6	4	N	5	5
06/23/2020	5	6	4	N	5	5
06/13/2019	5	6	4	N	5	5
06/04/2018	5	6	4	N	5	5
05/08/2017	5	4	5	N	5	5
05/04/2015	5	5	5	N	5	5
05/06/2013	5	5	5	N	5	5
05/03/2011	5	5	5	N	5	5
05/03/2010	5	5	5	N	5	5
06/03/2009	4	5	5	N	5	N
06/05/2007	5	6	5	N	6	N
04/12/2005	5	6	6	N	6	N
04/10/2003	5	6	6	N	6	N
04/01/1999	7	7	6	N	6	N