

Bridge 02899 Inspection Report



Latitude:34.49875, Longitude:-90.59672

Route:49 Section:11 Log:0.56

Arnold Road ID:54x49x11xA, Arnold Log mile:0.569

District 01, 107 - Phillips County

Owner: 1 - State Highway Agency

Inspection Direction: 1 - N to S

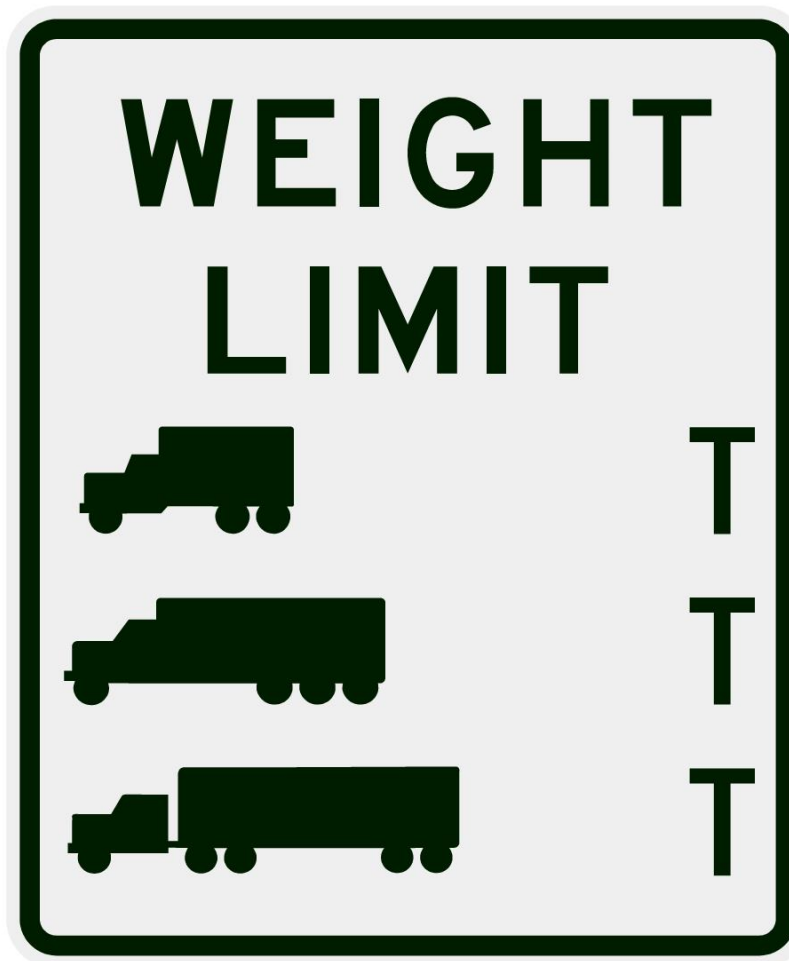
Bridge Posting Information

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

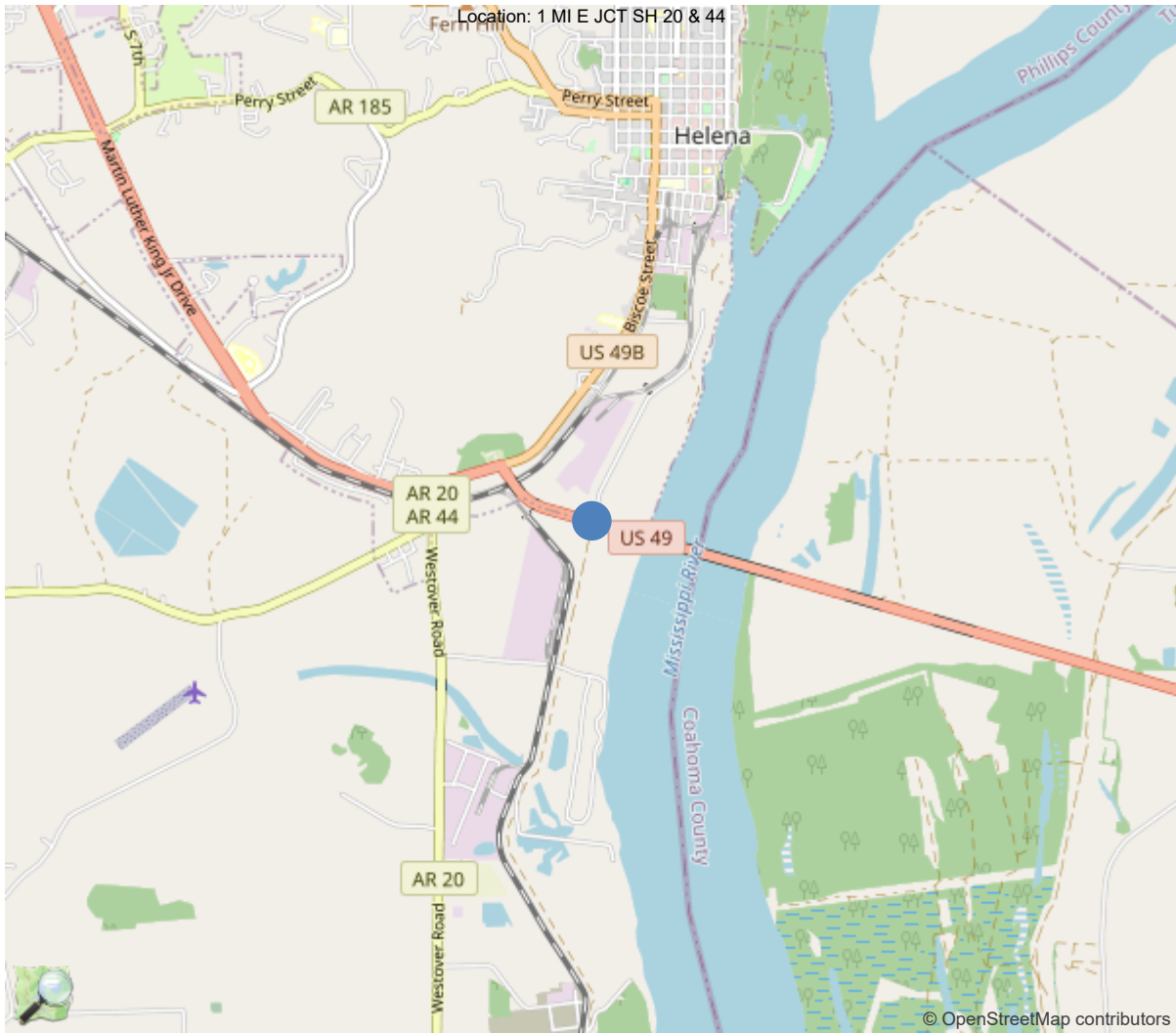
70 - Bridge Posting: 5 - Equal to or above legal loads

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

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



34.49875, -90.59672

National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	02899
(5) Inventory Route	1
(2) Highway Agency District	01 - District 01
(3) County Code	107 - Phillips County
(4) Place Code	31190
(6) Features Intersected	Mississippi River-Dist 1
(7) Facility Carried	US 49- Phillips Co
(9) Location	1 MI E JCT SH 20 & 44
(11) Mile Point	0.56 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000049110
(16) Latitude	34.498749
(17) Longitude	-90.596718
(98) Border Bridge State Code	284
(99) Border Bridge Structure No.	210004901433710
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	310
Material	3 - Steel
Type	10 - Truss - Thru
(44) Approach Structure Type	33
Material	3 - Steel
Type	3 - Girder and floorbeam system
(45) No. of Spans in Main Unit	5
(46) No. of Approach Spans	16
(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	1961
(106) Year Reconstructed	1991
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	3600
(30) Year of ADT	2024
(109) Truck ADT	14 %
(19) Bypass, Detour Length	124 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	840 ft
(49) Structure Length	5198 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)	40 ft
(33) Bridge Median	0 - No median
(34) Skew	0 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	17.4 ft
(47) Inventory Route Total Horiz Clear	29.2 ft
(53) Min Vert Clear Over Bridge Rdwy	17.03 ft
(54) Min Vert Underclear	18.8 ft
Ref:	
(55) Min Lat Underclear RT	99.9 ft
Ref:	
(56) Min Lat Underclear LT	0 ft
NAVIGATION DATA	
(38) Navigation Control	1 - Navigation control on wate
(111) Pier Protection	1 - Navigation protection not
(39) Navigation Vertical Clearance	59.7 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	0 ft
(40) Navigation Horizontal Clearance	719.8 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	2 - Bridge is eligible for the
CONDITION	
(58) Deck	4
(59) Superstructure	4
(60) Substructure	5
(61) Channel & Channel Protection	6
(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	22
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	13
(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	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	6
(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	5 - Bridge foundations determined t
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	
(114) Future ADT	6776
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			04/02/2026
(91) Frequency			24
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	Yes	12	04/02/2026
B: Underwater Inspection	Yes	60	09/27/2022
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: Austin Janes, Inspection Date: 04/02/2026

Specifications for National Bridge Inventory Sheets

IDENTIFICATION	
B.ID.01 Bridge Number	02899
B.ID.02 Bridge Name	Helena Bridge
B.ID.03 Previous Bridge No.	
B.W.01 Year Built	1961

LOCATION	
B.L.01 State Code	5 - Arkansas
B.L.02 County Code	107 - Phillips County
B.L.03 Place Code	31190 - Helena-West Helena
B.L.04 Highway Agency District	01 - District 01
B.L.05 Latitude	34.498749
B.L.06 Longitude	-90.596718
B.L.07 Border Bridge Number	210004901433710
B.L.08 Border Bridge State or Country Code	28 - Mississippi
B.L.09 Border Bridge Insp. Resp.	2 - Full responsibility
B.L.10 Border Bridge Designated Lead State	5 - Arkansas
B.L.11 Bridge Location	1 MI E JCT SH 20 & 44
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	2 - Bridge is eligible for the Nati
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	5198.2
B.G.02 Total Bridge Length	5198.2
B.G.03 Max Span Length	839.9
B.G.04 Min Span Length	68
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	40

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	127
B.G.14 Sidehill Bridge	N - Not a sidehill bridge
B.G.15 Irregular Deck Area	
B.G.16 Calculated Deck Area	160104.6

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	0.36
B.LR.06 Operating Load Rating Factor	0.61
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	Y - NSTM inspection required.
B.IR.02 Fatigue Details	Y - E/E' details are present
B.IR.03 UW Inspection Required	Y - Underwater inspection required
B.IR.04 Complex Feature	Y - Bridge has complex feature

COMPONENT CONDITION RATINGS	
B.C.01 Deck Condition Rating	4 - POOR - Widespread moderate
B.C.02 Superstructure Condition	4 - POOR - Widespread moderate
B.C.03 Substructure Condition	5 - FAIR - Some moderate defec
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	8 - VERY GOOD - Some inherent
B.C.07 Bridge Bearings Cond.	7 - GOOD - Some minor defects.
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	8 - VERY GOOD - Some inherent
B.C.11 Scour Condition Rating	7 - Some minor scour.
B.C.12 Bridge Condition Classification	P - Poor
B.C.13 Lowest Condition Rating	4 - POOR - Widespread moderate
B.C.14 NSTM Insp. Condition	4 - POOR - Widespread moderate
B.C.15 UW Inspection Condition	7 - GOOD - Some minor defects.

APPRAISAL	
B.AP.01 Approach Roadway Alignment	F - Fair
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	A - Seismic evaluation completed. B

Team Lead: Austin Janes, Inspection Date: 04/02/2026

SPAN SETS			
M1			
B.SP.02 # of Spans	3	B.SP.08 Deck Interaction	NC - Non-composite
B.SP.03 # of Beam Lines	2	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	S04 - Steel - riveted	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	5 - Cantilever with pin and ha	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	T02 - Truss - through	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
M2			
B.SP.02 # of Spans	2	B.SP.08 Deck Interaction	NC - Non-composite
B.SP.03 # of Beam Lines	2	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	S04 - Steel - riveted	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	2 - Continuous	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	T02 - Truss - through	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
A1			
B.SP.02 # of Spans	10	B.SP.08 Deck Interaction	NC - Non-composite
B.SP.03 # of Beam Lines	2	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	S04 - Steel - riveted	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	2 - Continuous	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	G09 - Girder/beam - girder & f	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
A2			
B.SP.02 # of Spans	3	B.SP.08 Deck Interaction	NC - Non-composite
B.SP.03 # of Beam Lines	4	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	S04 - Steel - riveted	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	2 - Continuous	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
A3			
B.SP.02 # of Spans	2	B.SP.08 Deck Interaction	NC - Non-composite
B.SP.03 # of Beam Lines	2	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	S04 - Steel - riveted	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	5 - Cantilever with pin and ha	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	G09 - Girder/beam - girder & f	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
A4			
B.SP.02 # of Spans	1	B.SP.08 Deck Interaction	NC - Non-composite
B.SP.03 # of Beam Lines	4	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	S04 - Steel - riveted	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	5 - Cantilever with pin and ha	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

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SUBSTRUCTURE SETS			
A1			
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	P01 - Pile - steel H-shape
B.SB.04 Substructure Type	A02 - Abutment - stub	B.SB.07 Foundation Protective System	0 - None
P1			
B.SB.02 No. of Substructure Units	6	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	S03 - Caisson
B.SB.04 Substructure Type	P04 - Pier - multiple column w	B.SB.07 Foundation Protective System	0 - None
P2			
B.SB.02 No. of Substructure Units	7	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	P01 - Pile - steel H-shape
B.SB.04 Substructure Type	P04 - Pier - multiple column w	B.SB.07 Foundation Protective System	0 - None
P3			
B.SB.02 No. of Substructure Units	7	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	P03 - Pile - concrete, cast-in
B.SB.04 Substructure Type	P04 - Pier - multiple column w	B.SB.07 Foundation Protective System	0 - None

Team Lead: Austin Janes, Inspection Date: 04/02/2026

HIGHWAY FEATURES					
H1					
B.F.02 Feature Location	C - Carried on bridge		B.H.09 Annual ADT	3600	
B.F.03 Feature Name	US 49- Phillips Co		B.H.10 Annual ADTT	504	
B.H.01 Functional Classification	3 - Principal Arterial - Other		B.H.11 Year of Annual ADT	2024	
B.H.02 Urban Code	T-U		B.H.12 Highway Max Usable Vertical Clearance	17.3	
B.H.03 NHS Designation	Y - NHS		B.H.13 Highway Min Vertical Clearance	17	
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	491101		B.H.16 Highway Max Usable Surface Width	29.1	
B.H.07 LRS Mile Point	0.56		B.H.17 Bypass Detour Length	999	
B.H.08 Lanes On Highway	2		B.H.18 Crossing Bridge Number		
H2					
B.F.02 Feature Location	B - Below bridge		B.H.09 Annual ADT	0	
B.F.03 Feature Name	Mississippi River		B.H.10 Annual ADTT	0	
B.H.01 Functional Classification	7 - Local		B.H.11 Year of Annual ADT		
B.H.02 Urban Code	99999		B.H.12 Highway Max Usable Vertical Clearance	58.9	
B.H.03 NHS Designation	Y - NHS		B.H.13 Highway Min Vertical Clearance		
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	0.56		B.H.17 Bypass Detour Length	0	
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	49	2-T - TEMP - Two-way traffic - NS or EW	2 - U.S. route	1 - Mainline
H2	1	0	2-T - TEMP - Two-way traffic - NS or EW	X - Other	X - Other

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	Mississippi River	B.N.04 Navigation Channel Width	720		
B.N.01 Navigable Waterway	Y - Navigable waters	B.N.05 Navigation Channel Min Horizontal Clearance	0		
B.N.02 Navigation Min Vertical Clearance	60	B.N.06 Substructure Navigation Protection	0 - Navigation protection not		

POSTING STATUS DATA	
B.PS.01 Load Posting Status	B.PS.02 Posting Status Change Date
PO - Permanent and Open	12/24/2025



Team Lead: Austin Janes, Inspection Date: 04/02/2026

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

04/06/2026 – 04/16/2026

A Routine/NSTM inspection was conducted over a two week period. During the first week, the Aspen A62 T and the Aspen UB 50 were utilized to perform hands on inspection of the Truss Spans. A Professional Engineer (P.E.) was on site for the first three days to oversee inspection of the Complex/Major Truss members. On the fourth day, no P.E. was available; therefore, inspection activities were limited to Spans 1 through 10, which do not require P.E. oversight.

During the second week, the Aspen A62 T and a rented Genie S 65 Trax man lift were utilized. The man lift was used to inspect the Upper Chords, Diagonals, Verticals, and Gusset Plates. The Aspen A62 T was used to complete the remaining inspection of the Truss in Span 13 and to inspect Spans 16 through 21.

Traffic Control operations were jointly performed by Bridge Operations and the Phillips County Area Maintenance Headquarters (AMH). Bridge Operations placed all signs and cones, while Phillips County AMH provided traffic lights and flaggers. Using handheld radios, Phillips County personnel held all traffic at the beginning of each day while Bridge Operations placed the cones, and again at the end of each day while cones were retrieved.

The bridge's critical components, including the upper and lower truss chords, truss diagonals, truss verticals, gusset plates, pin and hanger assemblies, and floor systems of the truss spans and approach spans, were inspected, as well as the deck's driving surface and undersurface, due to a poor rating.

The under-bridge inspection units inspected the West and East approach 2-girders, floor beams, pin and hanger assemblies, main truss bottom chord, lower gusset plates, and floor beams. Meanwhile, the man lift inspected the Main truss top chord, gusset plates, verticals, and diagonals.

All pins on the Approach and Main Truss undergo a diligent visual inspection annually and a thorough check with an Ultrasonic Tester every two years. Additionally, UAV footage of the exterior-facing NSTMs of significant structures will be captured every 24 months, reviewed, and stored in compliance with Chapter 14 BIM requirements.

E/E' details are located at the net section of the hanger bars at the pin and hanger connections. This includes hangers in spans 4, 7, and 19 and the vertical and horizontal pin plates in the upper chord of the truss at expansion joints at panel points 15, 25, 43, and 59.

A Professional Engineer (PE) from the Arkansas Department of Transportation (ARDOT) will be present for all of the complex portions of the inspection and will always be available for immediate support. The PE will review the bridge's inspection report for Quality Control (QC).

Unique details to verify based on previous findings: During the next inspection, check similar locations to the crack found on U32. Details found in the maintenance needs, and pin readings at PP12 (3A), PP18(3A), PP 22(2A), due to a high return near mid pin.

02/05/2026 Special Inspection performed due to barge strike. A barge reported striking the bridge at 11:50PM on 02-04-2026 hitting the pier hard enough to brake its barges loose. At 1:06AM on 2-05-2026 Philips county crew was notified and they inspected structure by driving across structure looking at alignment and looking under structure with headlights form truck. Myron and Drew were notified at 1:45AM and were asked to look at structure first thing that morning. Drew and Austin went and inspected structure on 02-05-2026 by driving across structure looking at alignment of deck, rails, and superstructure. Austin flew a drone to get a closeup views of piers with Pier 12 having some possible new scrape and scratches no significant damage found. Pictures from drone can be found in this report in General Observation.

58 - Deck (4 - POOR CONDITION - advanced section loss, deterioration, spalling or scour)

Overall, the Deck is in Poor condition throughout the structure. The Main Truss spans exhibit extensive deterioration, including large areas of spalling, numerous unsound patches, widespread exposed reinforcing steel, efflorescence, cracking, and abrasion. The underside of the deck also shows significant deterioration, with multiple areas of spalling and exposed reinforcing steel, particularly along the overhangs.

The approach spans, while not as deteriorated as the Main Truss spans, still display substantial distress. The driving surface contains widespread transverse cracking, and the underside exhibits cracking accompanied by notable efflorescence.



59 - Superstructure (4 - POOR CONDITION - advanced section loss, deterioration, spalling or scour.)

The condition of the main river bridge spans is overall poor. The gusset plate connections have various rivets that have been replaced with bolts. Most floor beams have moderate corrosion, with localized areas of section loss of up to 50% located at both ends of the top flange (near the deck widening construction joint) and on the bottom flange at the ends of the cover plate. Floor beams located beneath expansion joints exhibit moderate to heavy corrosion along the entire length of the top flange, with notable section loss on the bottom flange, transverse stiffeners, and web around the built-up member connections.

The upper chord members are in good condition overall. Field welds (tack welds) were noted between several gusset plates and upper chord members. Scattered locations of freckled rust and minor pigeon debris buildup were noted in the upper chord members. On the other hand, the lower chord members are in poor condition overall, with 1/8" to 3/16" section loss typical on the inside of the member along the entire length of the Main River Spans.

While the girders and floor beams not located near deck joints are in good condition, the girders and stringers at and near joints are in poor condition, with heavy corrosion and section loss.

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

Overall, the Substructure is in Fair condition with widespread deterioration. Concrete columns, caps, and pier walls exhibit cracking, efflorescence, spalling, and areas of exposed reinforcing steel. Steel columns show active corrosion with pack rust at the connection plates.

Both abutments have cracking with efflorescence. At Abutment 1, the backwall has spalled and is rotating toward Pier 1 at approximately 1 inch per 2 feet, resulting in closure of the finger joint at the abutment.

A-54 - Sealable Deck Cracks (Y)

The deck has numerous sealable deck cracks. The deck will be replaced under job #110812.

A-55 - Deck Washing Needed (Y)

Gutter lines are full of debris.

A-56 - Joint Cleaning/Flushing Needed (Y)

The assembly joints have debris impaction and build-up where they are still intact.

A-57 - Girder End and Bearing Painting Needed (Y)

Each of the bearings has corrosion ranging from fretting rust to flaking rust and pack rust. The worst case for corrosion was at the West and East abutments.

A-59 - Joint Repair Needed (Y)

Pourable joints and finger joint seals are missing, torn, or split.



A-60 - Full Girder Painting Needed (Y)

Approach Spans:

Girders, Floorbeams, and Bearings have a failed paint system that needs to be fixed. The paint is chalky, with areas of flaking rust. The corrosion ranges from surface rust to isolated areas of flaking rust. The worst cases of corrosion were between the bottom flange and the bottom flange cover plate, splice plate connections, and along the edges of the top flanges.

Main Spans:

The bottom chord, floor beams, and bearings have corrosion ranging from fretting rust to areas of flaking rust, pack rust, and laminated rust to areas of section loss. The worst case for corrosion along the bottom chord was the inside portion of the lower chord. The worst case for corrosion along the floor beams was at each joint location.

A-61 - Polymer Overlay Advised (Y)

The approach spans are in great condition overall and would greatly benefit from a polymer overlay due to numerous open deck cracks.

A-62 - Hydro and LMC Advised (N)

The bridge is getting a new deck under job #110812.

A-64 - Vegetation Removal Requested (Y)

Girder 1 at pier 17 has vegetation growing on the web.

A-114 - Underwater Inspection General Observation

Engineer of Record: Samuel Williams, PE

Team Leader: Samuel Williams, PE

Team Members: BG, AC, KD, BK, CH

Total Substructure Units: 4

Substructure Units in Water: Piers 11-14

Inventory Direction: N to S

Direction of Flow: E to W

Deepest Water Depth: 61.4 ft

Water Velocity: 1.0 FPS

Attachments: Channel Profile/Contour Map, Soundings Table, Inspection Procedures, Stamped Final Report

A-115 - Underwater Inspection 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. The bridge is located in a gradual bend of the river, but the substructure units are well aligned with the direction of flow. There are minor obstructions in the channel at Piers 11, 13, and 14, but they do not adversely affect flow or constrict the channel. At Pier 13 there is a barge wrapped around the upstream nose that extends past the downstream nose on the north face. On the south face of Pier 13 the barge extends approximately half of the way down the pier. On Piers 11 and 14, there is minor timber debris located on the upstream noses. The north bank is protected with concrete armoring and scattered riprap, under the bridge and upstream of the bridge. The concrete armoring has become displaced in areas but there were no signs of significant erosion or slumping along the north bank. Downstream of the bridge the north bank is stable and has well established vegetation along the top of the slope. The entire south bank consists of sandbars at the shoreline and has well established vegetation at the top of the slope.

A-116 - Underwater Inspection Substructure Condition (B.C.15) (7 - GOOD CONDITION - some minor problems.)

Overall, the substructure units are in good condition below the waterline. The only defect noted during the underwater inspection was scaling on Piers 11-14 that is quantified in the element level portion of this report.

A-117 - Underwater Scour Condition (8 - Insignificant scour.)

Based on field observations and available data, there are no signs of scour at the bridge site.

B.G.13 Maximum Bridge Height (127)

Measurement taken in span 13 panel point 44, right side.

B.IR.02 - Fatigue Prone Details (Y)

Longitudinal bracing are connected to steel tabs that are welded to stringers. End of these welds are category E The net section of hanger bars at the pin and hanger connections.

B.IR.04 - Complex Feature (Y)

Bridge does not have a complex feature according to the NBIS, but ARDOT requires a PE on-site due to being a major truss structure in poor condition.

B.C.05 Bridge Railing Condition Rating (6 - SATISFACTORY - Widespread minor or isolated moderate defects.)

Overall, the condition of the bridge railing is good. There are limited locations along its base with spalls and exposed rebar.

B.C.06 Bridge Railing Transitions Condition Rating (8 - VERY GOOD - Some inherent defects.)

Overall, the condition of the bridge railing is good. There were no notable defects at the time of this inspection.

B.C.07 Bridge Bearings Condition Rating (7 - GOOD - Some minor defects.)

Overall, the bearings are in fair condition. The bearings are in fair condition overall. Moderate to heavy corrosion and section loss can be seen on bearings near joints. Other bearings show minor surface corrosion with no section loss.

B.C.08 Bridge Joints Condition Rating (4 - POOR - Widespread moderate or isolated major defects.)

Overall, the joints are in poor condition. Neoprene troughs at finger joints are torn and impacted with debris. Compression joints have torn or missing joint material, leading to water and debris from the roadway surface leaking down onto the steel superstructure components below, which is causing heavy corrosion and section loss on those members.

B.C.10 Channel Protection Condition Rating (8 - VERY GOOD - Some inherent defects.)

The channel protection is good overall. The north bank is protected with concrete armoring and scattered riprap. Though some of the armoring is displaced, there is no significant erosion or slumping. The south bank has sandbars at the shoreline and established vegetation at the top of the slope.



Asset #02899(Routine, NSTM)

US 49- Phillips Co over Mississippi River-Dist 1

Location: 1 MI E JCT SH 20 & 44

Team Lead: Austin Janes Inspection Date: 04/02/2026

B.C.14 - NSTM Inspection Condition (4 - POOR - Widespread moderate or isolated major defects; strength and/or performance of the component is affected.)

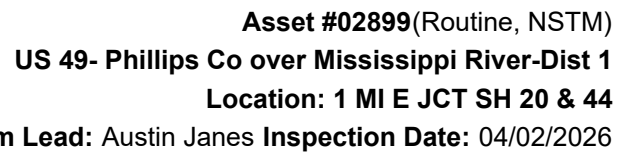
Overall, the NSTM members are in Poor condition. The Lower Chords show the most significant deterioration, with widespread active corrosion, pack rust buildup causing noticeable distortion, laminated rust along the inside faces, and multiple areas of section loss including holes through the top and bottom flanges. The Floorbeams throughout the truss spans also exhibit extensive active corrosion with measurable section loss to the webs and flanges, along with perforated stiffeners and areas of moderate to heavy corrosion at the Pin and Hanger locations. Connection components—including the gusset plates and the pin and hanger assemblies—have cracked or broken tack welds, pack rust, pitting, and varying degrees of section loss. While a few NSTM elements remain in Fair to Satisfactory condition, the level and extent of deterioration in the Lower Chords and Floorbeams ultimately govern the overall NSTM rating to be in Poor condition.

B.C.15 Underwater Inspection Condition (7 - GOOD - Some minor defects.)

Underwater Inspection Channel/Channel Protection = 7

Underwater Inspection Substructure Condition = 7

Underwater Inspection Substructure Condition = 8



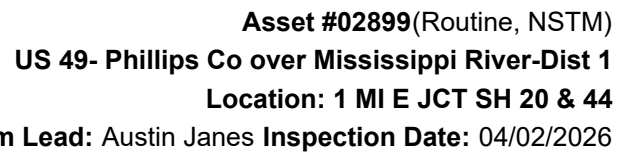
ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
exposed reinforcing steel. PP59 – PP62: 449SF of CS2 delam/patched areas and 111SF of CS3 spalling and unsound patched areas, along with 8SF of CS3 exposed reinforcing steel. PP62 – PP66: 311SF of CS2 delam/patched areas and 90SF of CS3 spalling and unsound patched areas, along with 10SF CS3 of exposed reinforcing steel. PP66 – PP68: 155SF of CS2 delam/patched areas and 61SF of CS3 spalling and unsound patched areas, along with 5SF of CS3 exposed reinforcing steel. PP68 – PP71: 180SF of CS2 delam/patched areas and 112SF of CS3 spalling and unsound patched areas, along with 3SF CS3 exposed reinforcing steel. PP71 – PP74: 230SF of CS2 delam/patched areas and 5SF of CS3 exposed reinforcing steel.							
Undersurface: Multiple areas of spalling, patched areas and exposed reinforcing steel scattered throughout the undersurface of the Truss spans.							
107	Steel Open Girder/Beam	LF	13116	7749	3804	1550	13
1000	Corrosion	LF	5036	0	3478	1545	13
1010	Cracking	LF	1	0	0	1	0
1020	Connection	LF	2	0	0	2	0
1900	Distortion	LF	328	0	326	2	0
515	Steel Protective Coating	SF	106721	66988	28440	10455	838
3420	Peeling/Bubbling/Cracking	SF	1800	0	1800	0	0
3440	Effectiveness (Steel Protective Coatings)	SF	37933	0	26640	10455	838
(107) Spans 1–4, Girders 1–4: Corrosion ranging from surface rust to minor freckled rust. CS2 corrosion.							
Span 1, Girder 1 (Left) & Girder 4 (Right), Above Pier 1: Corrosion with 1' of 0.5" pack rust between the connection plates. 2LF CS3 corrosion.							
Span 1, Abutment 1, Girder 1, Left: Active corrosion with pack rust up to 1/2". 1LF CS3 corrosion.							
Span 1, Abutment 1, Girder 1, Left: Cantilever has distortion.							
Span 2, Girder 4, Right, 15' Ahead of Pier 1: 6" area of 1/4" distortion. 1LF CS2 Distortion.							
Span 2, Girder 4, Back of Pier 2: Active corrosion with pack rust between the bottom flange and the cover plate. 8LF CS3 corrosion.							
Span 2, Girder 4, Splice near Pier 2: 1/8" section loss and pack rust. 1LF CS3 corrosion.							
Span 2, Girder 2, Adjacent to Floorbeam 3: Deck haunch spalled, exposing top flange with surface corrosion. CS2 corrosion.							
Span 3, Girder 4: Pack rust between splice plate and bottom flange. 3LF CS3 corrosion.							
Span 4, Girders 1 & 4: 30' of bottom flange connection with corrosion and pack rust. 30LF CS3 corrosion.							
Span 4, Girder 1, Cross brace: Only 3.5" of steel remains to hold the cross brace. CS4							
Span 4, Girder 1, Left side, Ahead of pin and hanger: 2"x4" area up to 3/16" section loss. 1LF CS3 corrosion.							
Span 4, Girder 1, Left side, Back of pin and hanger: Section loss along edge of vertical angle up to 3/16". 1LF CS3 corrosion.							
Span 4, Girder 2, Cross brace: Heavy corrosion with holes rusted through the connection plate. CS4							
Span 4, Right side: 7/16" between girders at the pin and hanger; rockers forward inconsistent with 66°F.							
Span 4, Left side pin and hanger: Pushed forward due to rockers on Piers 2 and 3 rocked forward inconsistent with 66°F.							
Span 4, Left side pin and hanger: 5/8" gap between girders at the assembly joint at 66°F.							
Span 4, Girder 1: Pack rust between the bottom flange. 25LF CS3 corrosion.							
Span 5, Girder 2, Right: Some stiffeners have pack rust between them and the girder. 4LF CS3 corrosion.							
Span 5, Girder 2, Bottom flange, Adjacent to the second splice plate: Section loss scars up to 1/8". 1LF CS3 corrosion.							
Pier 6, Girder 1: Pack rust between stiffener angles breaking welds. Typical.							

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 7, Girder 1, Back from Bent 8, Bottom cover plate: Distortion from pack rust between plates. 1LF CS3 corrosion. Span 7, Girder 1, Splice 1, Left side: Pack rust and distortion between plates at the edge. 1LF CS3 corrosion. Span 7, Girder 2, Back from finger joint, Inside bottom flange and web: Active corrosion and heavy section loss up to 1/2". 1LF CS3 corrosion. Span 7, Girders 1 & 2, Bottom flange connection plate: 25' corrosion with pack rust between the connection plate. 25LF CS3 corrosion. Span 7, Girder 2, Bottom Flange near Pier 7: Active corrosion with pack rust up to 3/4" between the bottom flange and the cover plate. 1LF CS3 corrosion. Span 8, Girders 1 and 2, Bottom flange splice plate connection: Corrosion with 3/8" pack rust between the connections. CS3 corrosion. Span 8, Girder 1: Active corrosion with pack rust between the Bottom Flange and cover plate, 40LF CS3 corrosion. Span 8, Girder 1, Adjacent to Floorbeam 5, Bottom flange: Pack rust up to 3/4". 1LF CS3 corrosion. Span 8, Girder 1, Third field splice plate: Active corrosion with section loss up to 1/4" to the bottom flange and pack rust. 1LF CS3 corrosion. Span 8, Girder 2, Right, Ahead of Floorbeam 4: Active corrosion with flaking rust along the top flange. 10LF CS3 corrosion. Pier 8, Girder 2, Right: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion. Pier 8, Girder 1, Left: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion. Span 9, Girder 1, Adjacent to both bottom flange splice plate connections and bottom flange cover plate: Short-duration areas of corrosion with flaking rust and section loss ranging from 1/8" to 1/4". CS3 corrosion. Span 9, Girder 1, Adjacent to both splice connections along the bottom flange: Short-duration areas of corrosion with flaking rust and up to 1/4" section loss. CS3 corrosion. Span 9, Girder 1, Connection 3, Back: Section loss in bottom flange. 1LF CS3 corrosion. Span 9, Girder 1, Connection 4, Left side: 1/16" section loss. 1LF CS3 corrosion. Span 9, Girder 1, Splice 1: 1/4" section loss. 1LF CS3 corrosion. Span 9, Girder 2, Splice 1, Back: 3/16" section loss. 1LF CS3 corrosion. Span 9, Pier 9, Girder 1, Stiffener over bearing: Pack rust. 1LF CS3 corrosion. Span 9, Girder 1, Left, Back of Floorbeam 3: Active corrosion with pack rust along the top flange. 3LF CS3 corrosion. Span 9, Girder 1, Left, Fourth field splice plate: Active corrosion with section loss up to 1/8" and pack rust up to 3/8". 1LF CS3 corrosion. Span 9, Girder 1, Left, Floorbeam 6: Active corrosion with pack rust up to 1". 1LF CS3 corrosion. Span 9, Girder 1, Left, Ahead of Floorbeam 5: Active corrosion with pack rust up to 3/8" between the top flange and deck. 1LF CS3 corrosion. Span 9, Girder 1, Left, Ahead of Floorbeam 4: Active corrosion with flaking rust along the top flange. 4LF CS3 corrosion. Span 9, Girder 1, Third Field Splice Plate: Active corrosion with section loss up to 5/16" to the Bottom Flange and pack rust up to 1/2". 1LF CS3 corrosion. Span 9, Girder 1, third Field Splice Plate: Active corrosion with crevice corrosion at Bottom Flange connection. 1LF CS3 corrosion. Span 9, Girder 1, Bottom flange cover plate ahead of Floorbeam 6: Active corrosion with section loss up to 3/16" and pack rust up to 1/2". 1LF CS3 corrosion. Span 9, Girder 2, Left: Typical flaking paint. Span 9, Girder 2, Right, Back of Floorbeam 4: Active corrosion with flaking rust along the top flange. 6LF CS3 corrosion. Pier 9, Girder 1, Left: Active corrosion with pack rust up to 1/4" between bearing stiffener angle plates. 1LF CS3 corrosion. Pier 9, Girder 2, Right: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion. Span 10, Girder 1, Pier 10, Left: Pack rust above bearing between stiffeners. 1LF CS3 corrosion. Span 10, Girder 2, Right side, Connection 2: Distortion in connector plate due to pack rust. 2LF CS3 corrosion. Span 10, Girders 1 and 2, First splice plate from Pier 9: Corrosion with flaking rust and up to 1/4" section loss. 2LF CS3 corrosion. Span 10, Girder 2, Ahead of Floorbeam 4: Minor active corrosion with crevice rust at field splice plate. CS3 corrosion. Span 10, Girder 2, Left, Top flange: Typical minor corrosion where deck haunch has spalled. CS2 corrosion. Span 10, Girder 1, Right, Adjacent to Floorbeam 7: Active corrosion with section loss up to 1/4" to the web. 2LF CS3 corrosion. Span 16, Girders 1 & 2, Bottom web: Corrosion with up to 1/16" section loss full length of span. 302LF CS3 corrosion. Span 16, Girder 1: Pack rust between bottom flange and splice plates causing distortion. 2LF CS3 corrosion. Span 16, Girder 2, Pier 15: Active corrosion with section loss to bottom flange at bearing. 2LF CS3 corrosion. Span 16, Girder 2, Right, First splice plate back of Pier 17: 6.5" corrosion with flaking rust and up to 1/16" section loss. 1LF CS3						

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	corrosion.						
	Span 16, Girder 2, Right, First splice plate back of Pier 17: Corrosion with flaking rust and pack rust between bottom flange connection plates. 1LF CS3 corrosion.						
	Span 16, Girder 2, Right, First splice plate back of Pier 17: 12" active corrosion with flaking rust and up to 1/8" section loss. 1LF CS3 corrosion.						
	Span 16, Girder 2: 1/8" section loss to bottom flange at end of cover plate. 1LF CS3 corrosion.						
	Span 16, Girders 1 & 2, Top flange: Various areas of corrosion with flaking rust. CS3 corrosion.						
	Span 16, Girder 2, Third splice: Corrosion with up to 1/8" section loss to lower web splice plate. 1LF CS3 corrosion.						
	Span 16, Girder 1, Right, Adjacent to Floorbeam 0: Active corrosion with section loss up to 3/16". 2LF CS3 corrosion.						
	Span 16, Girder 2, Left, Adjacent to Floorbeam 0: Active corrosion with section loss up to 3/16". 2LF CS3 corrosion.						
	Span 16, Girder 2, Right: Minor pack rust between bottom flange angle vertical leg and girder web. Typical this span.						
	Span 17, Girder 1, Second splice connection, Bottom flange: 3/4" pack rust causing distortion to cover plate. 1LF CS3 corrosion.						
	Span 17, Girder 1, Bottom flange, First splice connection: 5/16" section loss. 1LF CS3 corrosion.						
	Span 17, Girder 1, Bottom flange, First splice plate from Pier 16: 1' corrosion with flaking rust. 1LF CS3 corrosion.						
	Span 17, Girder 2, Second splice connection, Bottom flange: 3/8" section loss. 1LF CS3 corrosion.						
	Span 17, Girder 2, Bottom flange, First splice connection: 5/6" section loss. 1LF CS3 corrosion.						
	Span 17, Girder 2, Left side, First splice connection, Bottom flange: 7/16" section loss. 2LF CS3 corrosion.						
	Span 17, Girder 2, Right side, At Floorbeam 11: Approximately 1/8" section loss on exterior stiffener. 1LF CS3 corrosion.						
	Span 17, Girders 1 & 2, First splice plate from Pier 16: Corrosion with flaking rust. 1LF CS3 corrosion.						
	Span 17, Girder 1, Last field splice plate: Active corrosion with pack rust between bottom flange and cover plate approximately 3/4". 2LF CS3 corrosion.						
	Span 18, Girder 1, At Floorbeam 15, Bottom flange: 5/8" pack rust causing distortion to cover plate, 1/16" section loss to bottom flange. 1LF CS3 corrosion.						
	Span 18, Girder 2, First splice connection, Bottom flange: 1/4" section loss. 1LF CS3 corrosion.						
	Span 18, Girder 2, First splice connection, Bottom flange: 3/4" pack rust causing distortion to cover plate. 1LF CS3 corrosion.						
	Span 18, Girder 2, Bottom flange cover plate: Corrosion with flaking rust between rivets along cover plate. CS3 corrosion.						
	Span 18, Girder 2, Cover plate: Pack rust up to 3/8" full length of cover plate. CS3 corrosion.						
	Span 18, Girders 1 & 2, Bottom flange cover plate: Corrosion with flaking rust between rivets. CS3 corrosion.						
	Span 18, Girder 2, Ahead of second splice: Corrosion with section loss up to 3/16". 1LF CS3 corrosion.						
	Span 18, Girder 2, Ahead of cover plate: Corrosion with up to 1/8" section loss. 1LF CS3 corrosion.						
	Span 19, Girder 1, Bottom flange angle, Floorbeam 20 left backside: Up to 1/4" section loss. 1LF CS3 corrosion.						
	Span 19, Girder 1, Bottom flange, End of cover plate: 1/2" pack rust; remaining cover plate has pack rust causing out-of-plane bending, typical Girder 2. 2LF CS3 corrosion.						
	Span 19, Girder 2, First splice connection plate, Bottom flange: 3/16" section loss. 1LF CS3 corrosion.						
	Span 19, Girder 2, Bottom flange angle, Below pin and hanger assembly: Active corrosion with section loss up to 3/8". 1LF CS3 corrosion.						
	Span 19, Girder 1, Ahead of Floorbeam 3: Corrosion with minor section loss to bottom flange angle. 2LF CS3 corrosion.						
	Span 19, Girder 2, 10' from Pier 19: Corrosion with section loss up to 1/4" to pier cover plate. 1LF CS3 corrosion.						
	Span 19, Girder 1, Left, Floorbeam 3: Distortion to top flange of cantilever, appears present during construction. Typical Girder 2, Right, Ahead of Floorbeam 4.						
	Span 19, Girder 1: Typical pack rust and minor distortion to bottom flange cover plate. Typical Girder 2. Typical Span 18.						
	Span 20, Ahead, Bent 19, Girder 2, Bottom flange connection area: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 20, Girder 1, Second splice connection, Bottom flange: Pack rust causing out-of-plane bending. 1LF CS3 corrosion.						
	Span 20, Girder 2, Second splice connection, Bottom flange: Pack rust causing out-of-plane bending. 1LF CS3 corrosion.						
	Span 20, Girder 1, Ahead of fourth field splice plate: Active corrosion with section loss up to 1/8" to bottom flange. 1LF CS3 corrosion.						
	Span 20, Girder 2, Right, Ahead of Floorbeam 6: Rolling defect.						
	Span 21, Girder 2, First splice connection, Bottom flange: Active corrosion with pack rust up to 1/8" between plates. 1LF CS3 corrosion.						
	Span 21, Girder 2, Second splice connection, Ahead side, Bottom flange: 2"x5" area up to 1/4" section loss. 1LF CS3 corrosion.						
	Span 21, Girder 2, Left side, Splice connection 2, Cantilever section: Apparent torch cut 2" in length.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Span 21, Girders 1 and 2, Adjacent to East Abutment: Various areas of corrosion with flaking rust and section loss. 4LF CS3 corrosion. Span 21, Girder 2, Bottom Flange, Ahead of Floorbeam 2: Active corrosion with section loss up to 1/4". 1LF CS3 corrosion. Span 21, Girder 2, Right, Back of Floorbeam 4: Active corrosion with flaking rust along top flange. 6LF CS3 CS3 corrosion. Spans 11- 15, Deck Joist: Multiple deck joist throughout the structure have active corrosion with moderate to heavy flaking rust and pack rust along the sections of the joist below the the deck overhangs. CS3 corrosion. Span 11, Deck Joist, Adjacent to Stringer 1: Typical active corrosion with flaking rust and section loss to the deck joist. 3LF CS3 corrosion. Span 11, Deck Joist, Floorbeam 3, Back, Adjacent to Stringer 2: Deck joist is floating, no bolts in place. 1LF CS3 connection. Span 11, Deck Joist, Floorbeam 8, Back, Adjacent to Stringer 1: Active corrosion with a 16" X 2 1/2" Holes in the deck joist, causing distortion at Stringer 1. 2LF CS4 corrosion. Span 11, Two Deck Joist back from Floorbeam 6: Sheared bolt. 1LF CS3 connection. Span 12, Deck Joist, Back of Floorbeam 22, above Stringer 2: Active corrosion with a 2 1/2" X 1" Hole in the bottom flange of the Deck Joist. 1LF CS4 corrosion. Span 12, Deck Joist, Back of Floorbeam 22, above Stringer 3: Active corrosion with a 1 1/2" X 1/2" Hole in the bottom flange of the Deck Joist. 1LF CS4 corrosion. Span 13, Last Deck Joist before PP43, Over Stringer 3: Active corrosion with pack rust, causing distortion along the bottom flange. 1LF CS3 distortion. Typical at this location. Span 14, First Deck Joist ahead of Floorbeam 53, Above Stringer 2: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion. Span 14, First Deck Joist ahead of Floorbeam 53, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion. Span 14, Last deck joist before Floorbeam 62, Stringer 1: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion. Span 14, Last deck joist before Floorbeam 62: Active corrosion with a 22" X 1 1/2" Hole in the web along the top web juncture. 2LF CS4 corrosion. Span 14, Last deck joist before PP59, Stringer 1: Active corrosion with pack rust up to 1 3/4" between the bottom flange of the deck joist and the top flange of the stringer, causing distortion in both the deck joist and the stringer. 2LF CS3 distortion. Span 14, Last deck joist before PP59, Stringer 2: Active corrosion with pack rust, causing a fracture in the bottom flange of the deck joist on both the ahead and back side, making a "Half-Moon" shape around the stringer connection bolts. 1LF CS3 crack. Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 1: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion. Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 2: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion. Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion. Span 15, First Deck Joist ahead of Floorbeam 71, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion. (515-107) The protective coating has limited to no effectiveness overall. Peeling/Bubbling/Cracking (3420) - 1800SF CS2 Effectiveness (3440) - 16834SF CS2, 8100SF CS3, 120SF CS4 The protective coating has limited to no effectiveness overall.							
113	Steel Stringer	LF	22724	21877	773	73	1
1000	Corrosion	LF	830	0	760	69	1
1020	Connection	LF	17	0	13	4	0
515	Steel Protective Coating	SF	176210	118240	34738	22160	1072
3420	Peeling/Bubbling/Cracking	SF	5464	0	4790	660	14

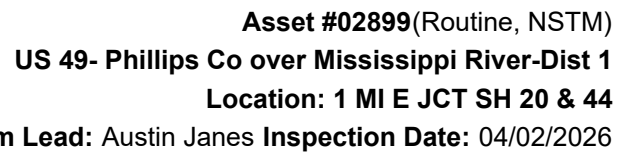


ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
3440	Effectiveness (Steel Protective Coatings)	SF	52506	0	29948	21500	1058
(113) Stringers, Joint Locations: Active corrosion with moderate to heavy section loss to the stringer diaphragms. Stringers, Joint Locations: Active corrosion with minor to moderate flaking rust along the stringer ends. 12LF CS3 corrosion. Stringers: Active corrosion with surface rust and flaking paint, typical throughout the structure. 315LF CS2 corrosion.							
Span 21, Abutment 2, Stringer 2: Active corrosion with an area of 3" X 1" of knife's edge section remaining along with a 1" Diameter hole in web along the bottom web juncture. 1LF CS4 corrosion.							
Span 11, Stringer 1, Floorbeam 6, Back: Missing bolt at the stringer to deck joist connection, along with active corrosion with flaking rust along the top flange. 1LF CS3 corrosion.							
Span 11, Stringer 1, Floorbeam 8, Back: Active corrosion with pack rust between the stringer web and the hanger bar. 1LF CS3 corrosion.							
Span 11, Stringer 2, Floorbeam 6, Back: Missing bolt at the stringer to deck joist connection, along with active corrosion with flaking rust along the top flange. 1LF CS3 corrosion.							
Span 11, Stringer 3, Floorbeam 2, Back: Missing Rivet. 1LF CS3 connection.							
Span 11, Stringer 3, Floorbeam 6, Back: Active corrosion with pack rust between the stringer and the angle connection to the floorbeam. 1LF CS3 corrosion.							
Span 11, Stringer 3, Floorbeam 7, Ahead: Distortion along the bottom flange. 25LF CS2 distortion.							
Span 11, Stringer 3, Floorbeam 7, Back: Sheared bolt. 1LF CS3 connection.							
Span 12, Stringer 1, Left, Floorbeam 12, Back: 4 1/2" crack in the left floor beam to stringer connection angle, 2 missing rivets. 1LF CS3 crack.							
Span 12, Stringer 1, Floorbeam 12, Back: Active corrosion with pack rust between the stringer and the hanger bar. 1LF CS3 corrosion.							
Span 12, Stringer 1, Floorbeam 18, Ahead: One sheared rivet head. 1LF CS3 connection.							
Span 12, Stringer 2 to Floorbeam 28 Connection, Ahead: 11" crack in the welded connection. 1LF CS3 crack.							
Span 12, Stringer 2, Floorbeam 12, Back: Two sheared rivet heads. 1LF CS3 connection.							
Span 12, Stringer 2, Floorbeam 15, Ahead: One sheared rivet head. 1LF CS3 connection.							
Span 12, Stringer 2, Floorbeam 15, Back: Active corrosion with section loss up to 1/4" to the top flange with pack rust between the stringer and the deck joist. 1LF CS3 corrosion.							
Span 12, Stringer 2, Floorbeam 28, Back: One sheared rivet head. 1LF CS3 connection.							
Span 12, Stringer 3, Floorbeam 12, Back: Three sheared rivet heads. 1LF CS3 connection.							
Span 12, Stringer 3, Floorbeam 18, Ahead: Two sheared rivet heads. 1LF CS3 connection.							
Span 12, Stringer 3, Left, Floorbeam 22, Back: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.							
Span 13, Stringer 1, between PP41 and 42: Rolling defect.							
Span 13, Stringer 1, Floorbeam 36, Ahead: One sheared rivet head. 1LF CS3 connection.							
Span 13, Stringer 1, Floorbeam 37, Ahead: One sheared rivet head. 1LF CS3 connection.							
Span 13, Stringer 1, Floorbeam 42: Two sheared bolts. 1LF CS3 connection.							
Span 13, Stringer 1, Floorbeam 44: Missing rivet. 1LF CS3 connection.							
Span 13, Stringer 1, Floorbeam 46, Ahead: Two sheared rivet heads. 1LF CS3 connection.							
Span 13, Stringer 1, Right, Adjacent to Floorbeam 48: Rolling defect.							
Span 13, Stringer 2 to last Deck Joist connection before Floorbeam 36: Bolts put in place by inspection personnel.							
Span 13, Stringer 2 to last Deck Joist connection before Floorbeam 40: Bolt put in place by inspection personnel.							
Span 13, Stringer 2, Floorbeam 36, Ahead: Three total sheared rivet heads. 1LF CS3 connection.							
Span 13, Stringer 2, Floorbeam 40, Ahead: Deep pitting to the web and bottom flange. 3LF CS3 corrosion.							
Span 13, Stringer 2, Floorbeam 40, Ahead: One sheared rivet head. 1LF CS3 connection.							
Span 13, Stringer 3, Floorbeam 36, Ahead: One sheared rivet head. 1LF CS3 connection.							
Span 13, Stringer 3, Floorbeam 37, Ahead: Missing bolt. 1LF CS3 connection.							
Span 13, Stringer 3, Floorbeam 41, Back: One missing bolt. 1LF CS3 connection.							
Span 13, Stringer 3, Floorbeam 42, Back: Active corrosion with pack rust between the stringer and angle connection plate. 1LF CS3 corrosion.							
Span 14, Stringer 2, Floorbeam 43, Back: One sheared rivet head. 1LF CS3 connection.							
Span 13, Stringer 3, Floorbeam 46, Ahead: One sheared rivet heads. 1LF CS3 connection.							
Span 13, Stringer 3, Right, between Floorbeams 46 and 47: Rolling defect.							



Asset #02899(Routine, NSTM)
US 49- Phillips Co over Mississippi River-Dist 1
Location: 1 MI E JCT SH 20 & 44
Team Lead: Austin Janes Inspection Date: 04/02/2026

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Span 14, Ahead of Floorbeam 53, Pin and Hanger Assemblies: Active corrosion with flaking rust along hanger bars and pack rust between the hanger and stringer web plates. Section loss up to 1/8" to pin connection to the Floorbeam. 2LF CS3 corrosion. Span 14, Stringer 1, Back of PP59: Top Flange twisted 5/16 - 3/8" per width of Top Flange (1'), towards stringer 2. 5LF CS2 distortion. Span 14, Stringer 1, Floorbeam 48, Ahead: Tow sheared rivet heads. 1LF CS3 connection. Span 14, Stringer 1, Floorbeam 50, Back: One sheared rivet head. 1LF CS3 connection. Span 14, Stringer 1, Floorbeam 51: Missing rivet. 1LF CS3 connection. Span 14, Stringer 1, Floorbeam 53, Ahead: 1/2" section loss to the Top Flange, heavy section loss to deck joist. 1LF CS3 corrosion. Span 14, Stringer 1, Floorbeam 61: Missing and sheared rivets. 1LF CS3 connection. Span 14, Stringer 1, Floorbeam 62: Missing bolt. 1LF CS3 connection. Span 14, Stringer 2, Back of Floorbeam 62: Active corrosion with pack rust up to 1" between stringer and deck joist. 1LF CS3 corrosion. Span 14, Stringer 2, Floorbeam 55: Sheared rivet head. 1LF CS3 connection. Span 14, Stringer 3 to Deck joist connection, Floorbeam 62: 1/4" section loss to Top Flange of stringer and 1" pack rust. 1LF CS3 corrosion. Span 14, Stringer 3, Back of PP59: Top Flange twisted 5/16" per width of Top Flange (1'), towards stringer 2. 5LF CS2 distortion. Span 14, Stringer 3, Floorbeam 57: Sheared rivet head. 1LF CS3 connection. Span 14, Stringer 3, Floorbeam 62: Sheared rivet head. 1LF CS3 connection. Span 14, Stringers 1 - 3, Ahead of Floorbeam 56, Stringers 1 - 3: Active corrosion with section loss up to 1/2" at the first deck joist connection. 3LF CS3 corrosion. Span 14, Stringers 1 - 3, Back of Floorbeam 62, Pin and Hanger Assembly: Active corrosion with pack rust up to 1/2" between stringer and hanger bar. 3LF CS3 corrosion. Span 14, Stringers 2 and 3, Floorbeam 50, Back: Active corrosion with section loss up to 1/2" to the top flange. 2LF CS3 corrosion. Span 15, Stringer 1, Floorbeam 68, Back, Kicker plate: 2" crack in weld in stringer kicker plate. 1LF CS3 crack. Span 15, Stringer 1, Floorbeam 69: Active corrosion with section loss up to 1/8" to the stringer web. 1LF CS3 corrosion. Span 15, Stringer 1, Floorbeam 69: Two missing rivets and one sheared rivet head. 1LF CS3 connection. Span 15, Stringer 1, Floorbeam 70: One missing bolt. 1LF CS3 connection. Span 15, Stringer 1, Floorbeam 71: Cracked weld in stringer kicker plate. 1LF CS3 crack. Span 15, Stringer 1, Floorbeam 73: Active corrosion with pack rust up to 3/8" at the angle connection plate. 1LF CS3 corrosion. Span 15, Stringer 2, Ahead of Floorbeam 66, Pin and Hanger Assembly: Active corrosion with pack rust up to 3/4" between hanger bar and Stringer and section loss to web of stringer up to 1/8". 1LF CS3 corrosion. Span 15, Stringer 2, Floorbeam 68, Back, Kicker plate: 1 3/4" crack in weld in stringer kicker plate. 1LF CS3 crack. Span 15, Stringer 2, Floorbeam 69, Ahead: Two sheared rivet heads. 1LF CS3 connection. Span 15, Stringer 2, Floorbeam 71: Active corrosion with section loss up to 1/8" to the built-up stringer web plate. 1LF CS3 corrosion. Span 15, Stringer 2, Right, Bottom Flange, Ahead of Floorbeam 67: Active corrosion with section loss up to 3/8" to the Bottom Flange. 1LF CS3 corrosion. Span 15, Stringer 3, Floorbeam 71: Active corrosion with section loss up to 3/16" to the built-up stringer web plate. 1LF CS3 corrosion. Span 15, Stringers 1 - 3, Ahead of Floorbeam 66: Active corrosion with section loss to Top Flange approximately 3/8". 3LF CS3 corrosion. Span 15, Stringers 1 - 3, at Floorbeam 71, Pin and Hanger Assembly: Pack rust between hanger bar and stringer web. 3LF CS3 corrosion. Span 15, Stringers 1 and 2, Floorbeam 66: Sheared rivet head. 2LF CS3 connection. Span 15, Stringers 1 and 2, Floorbeam 71, Ahead: Active corrosion with pack rust up to 3/4" between the stringer and deck joist. 2LF CS3 corrosion. (515-113) The protective coating has limited to no effectiveness overall. The protective coating has limited to no effectiveness overall.							
120	Steel Truss	LF	6216	0	3415	2780	21
1000	Corrosion	LF	6198	0	3405	2772	21
1010	Cracking	LF	18	0	10	8	0
515	Steel Protective Coating	SF	904388	464760	184000	125246	130382



(120) Spans 11 - through 15, Bottom Chord: The paint system is dull and chalky with various areas of flaking paint. Along the areas of flaking paint, there is corrosion ranging from surface rust to freckled rust to light pitting.

The amount of bird dung inhibits inspection locations.

The exterior top cord has scattered flaking paint with surface corrosion.

The lower chords have areas of flaking paint and surface corrosion.

There is pack rust at the connections inside the lower chord and it can run the entire length between Panel points. It can be on the bottom, top, or both. There is an average of 12' of rust with section loss at each panel point on both the Left and Right lower chords both Ahead and Back of the panel point. The section loss ranges from 1/16" to holes rusted through. The pack rust build-up between the riveted connections has caused distortion to the top and bottom flanges at many locations. Several cracks in the top flange have been found in the past and have been arrested. This inspection found no new cracks in the Lower Chord, but several new corrosion holes were found. The Upper Chord had 1 new crack found at U32, and each similar location on the top plate should be investigated during the next Routine.

Most of the outside gusset plates on the main truss are corroded, and there is moderate section loss between the Gusset and lower chord.

Many rivet heads inside the floor beam connections, especially on the bottom flange, have heavy section loss.

Wind locks have heavy amounts of bird droppings and corrosion with heavy section loss.

*Per Pritesh Mehta, the cracks at the vertical to top chord connections should be checked for 2 inspection cycles. If no change, the note can be removed.

Span 11, Truss 1, L1, Ahead, Lower Chord: Active corrosion with section loss up to 3/16" to the webs. 2LF CS3 corrosion.

Span 11, Truss 1, L1, Lower Chord: Active corrosion with pack rust between the lower chord and the bottom lateral gusset plate. 1LF CS3 corrosion.

Span 11, Truss 1, L2, Bottom Plate: 8" corrosion with flaking rust and 1/4" section loss. CS3 corrosion.

Span 11, Truss 1, L2, Outside: Cracked tack weld. 1LF CS2 crack.

Span 11, Truss 1, L3, Ahead, Inside: Heavy corrosion with pack rust and section loss up to 1/8". 3LF CS3 corrosion.

Span 11, Truss 1, L4, Back, Inside of Lower Chord: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/4". 4LF CS3 corrosion.

Span 11, Truss 1, L5, Ahead, Upper Connection: Pack rust and section loss in a 1' area on the right inside web within a 3' corrosion zone. 3LF CS3 corrosion.

Span 11, Truss 1, L6, Lower Chord: Active corrosion with moderate section loss to the top flange. 3LF CS3 corrosion.

Span 11, Truss 1, L7, Ahead, Inside of Lower Chord: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 3LF CS3 corrosion.

Span 11, Truss 1, L8, Ahead, Portal 2: Heavy corrosion with pack rust, laminated rust, and section loss up to 1/4". 5LF CS3 corrosion.

Span 11, Truss 1, L9, Ahead, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 6LF CS3 corrosion.

Span 11, Truss 1, L9, Ahead, Inside: Heavy corrosion and pack rust with section loss. 3LF CS3 corrosion.

Span 11, Truss 1, L9, Ahead, Lower Chord: Active corrosion with laminating rust along the top flange. 2LF CS3 corrosion.

Span 11, Truss 2, L2, Ahead, Inside Connection Plate: Active corrosion with up to 1/8" section loss. 1LF CS3 corrosion.

Span 11, Truss 2, L2, Back, Bottom Flange: Active corrosion with pack rust and section loss up to 3/16". 1LF CS3 corrosion.

Span 11, Truss 2, L4, Back, Inside of Lower Chord: Active corrosion with pack rust between the web and top flange plates. 12LF CS3 corrosion. (More detailed than the shorter "Outside Plate" line — both kept because different locations.)

Span 11, Truss 2, L4, Outside Plate: Corrosion with flaking rust and light pitting. CS3 corrosion.

Span 11, Truss 2, L5, Back, Left: Active corrosion with pack rust between top plate connection plates. 1LF CS3 corrosion.

Span 11, Truss 2, L6, Ahead, Exterior Face Plate: Active corrosion with flaking rust and 3/16" section loss. 1LF CS3 corrosion.

Span 11, Truss 2, L6, Back, Inside of Lower Chord: Active corrosion with moderate section loss to the web near the bottom flange. 8LF CS3 corrosion.

Span 11, Truss 2, L6-L7, Lower Chord: Active corrosion with pack rust between the web and bottom flange angle connection. 8LF CS3 corrosion.

Span 11, Truss 2, L8, Back, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 10LF CS3 corrosion.

Span 11, Truss 2, L8, Inside of Lower Chord: Active corrosion with flaking rust along the web and bottom flange. 4LF CS3 corrosion.

Span 11, Truss 2, L9, Lower Chord: Active corrosion with a 1/2" diameter hole in the bulkhead at the floorbeam connection. 1LF CS3 corrosion.



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	corrosion.						
	Span 12, Truss 1, L10, Ahead, Portal 2: Heavy laminated rust around the opening on the bottom flange. CS3 corrosion.						
	Span 12, Truss 1, L10, Ahead, Portal 3 to 1: Heavy pack rust for 15'. 15LF CS3 corrosion.						
	Span 12, Truss 1, L11, Ahead, Inside of Lower Chord: Corrosion with flaking rust and light to moderate pitting. 2LF CS3 corrosion.						
	Span 12, Truss 1, L11, Back, Top Outside Plate: 2' x 3" corrosion with flaking rust and 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 1, L12, Ahead, Right/Downstream Plate: Corrosion with pack rust and flaking rust. CS3 corrosion.						
	Span 12, Truss 1, L12, Back, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 5/16". CS3 corrosion.						
	Span 12, Truss 1, L13, Ahead, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 1/8". CS3 corrosion.						
	Span 12, Truss 1, L13, Back, Bottom Plate: 6.5" x 4.5" corrosion with flaking rust and 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 1, L13, Back, Bottom Flange at Bottom Gusset Connection: Pack rust with up to 3/16" section loss and minor distortion. 1LF CS3 corrosion.						
	Span 12, Truss 1, L14, Ahead, Upstream Face Plates: Corrosion with flaking rust and 1/16" section loss. CS3 corrosion. Span 12, Truss 1, L14, Back, Upstream Face Plates: Corrosion with flaking rust and 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 1, L14, Back, Third Portal Back: Heavy corrosion with up to 1/4" section loss. 10LF CS3 corrosion.						
	Span 12, Truss 1, L15, Ahead, Inside of Lower Chord: Active corrosion with flaking rust and pack rust between plates. 6LF CS3 corrosion.						
	Span 12, Truss 1, L15, Back, Bottom Flange Below Pin: Several holes rusted through; bottom flange very thin. 2LF CS4 corrosion..						
	Span 12, Truss 1, L16, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 1/4" section loss along top and bottom of right side plate. 10LF CS3 corrosion.						
	Span 12, Truss 1, L16, Back, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 1/4". 10LF CS3 corrosion.						
	Span 12, Truss 1, L17, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss ranging from 1/16" to 1/4". 10LF CS3 corrosion.						
	Span 12, Truss 1, L17, Bottom Flange, Second Portal Ahead: Distortion for 6'. CS3 corrosion.						
	Span 12, Truss 1, L18, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 5/16". 44LF CS3 corrosion.						
	Span 12, Truss 1, L19, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust between plates. 6LF CS3 corrosion.						
	Span 12, Truss 1, L20, Ahead, Inside, First Portal: Heavy corrosion and section loss up to 1/4". 10LF CS3 corrosion.						
	Span 12, Truss 1, L20, Back, Third Portal Back: Heavy corrosion and section loss up to 1/4". 15LF CS3 corrosion.						
	Span 12, Truss 1, L21, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/8". 12LF CS3 corrosion.						
	Span 12, Truss 1, L21, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust between plates. 8LF CS3 corrosion.						
	Span 12, Truss 1, L22, Ahead, Inside of Lower Chord: Laminated rust with section loss up to 5/16". 15LF CS3 corrosion.						
	Span 12, Truss 1, L22, Back, Inside of Lower Chord: Laminated rust with section loss up to 1/8". 15LF CS3 corrosion.						
	Span 12, Truss 1, L23, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 6LF CS3 corrosion.						
	Span 12, Truss 1, L24, Ahead, Inside of Lower Chord: Laminated rust with 3/16" section loss. 10LF CS3 corrosion.						
	Span 12, Truss 1, L24, Back, Inside of Lower Chord: Laminated rust and pack rust between plates. 8LF CS3 corrosion.						
	Span 12, Truss 1, L27, Ahead and Back, Inside of Lower Chord: Laminated rust with 1/8" section loss. 20LF CS3 corrosion.						
	Span 12, Truss 1, L27, Ahead, Outside Bottom Plate: 10" x 1" corrosion with 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 2, L10, Ahead, Inside of Lower Chord: Corrosion with laminated rust and section loss up to 1/4". CS3 corrosion.						
	Span 12, Truss 2, L11, Inside of Lower Chord: Moderate corrosion along top flange and web. 4LF CS3 corrosion.						
	Span 12, Truss 2, L12, Ahead, Inside of Lower Chord: Flaking rust with section loss up to 5/16". 10LF CS3 corrosion.						
	Span 12, Truss 2, L12, Ahead, Left & Right Side Plates: Corrosion with 3/16" section loss. CS3 corrosion.						
	Span 12, Truss 2, L12, Ahead, Left Face: Active corrosion with up to 3/16" section loss. 3LF CS3 corrosion.						
	Span 12, Truss 2, L12, Ahead, Portal 1: Corrosion with section loss up to 5/16". 6LF CS3 corrosion.						
	Span 12, Truss 2, L12, Back, Right Side Inside Plate: Corrosion with flaking rust and 1/8" section loss. 3LF CS3 corrosion.						
	Span 12, Truss 2, L12, Bottom Gusset: One sheared rivet. 1LF CS3 corrosion.						
	Span 12, Truss 2, L13, Back and Ahead, Lower Gusset Connection & Bottom Flange: Pack rust with up to 1/4" section loss and minor distortion. 3LF CS3 corrosion.						
	Span 12, Truss 2, L13, Back, Top Flange: Pack rust with up to 1/4" section loss; reinforcement distorted. CS3 corrosion.						
	Span 12, Truss 2, L15, Back, Bottom Plate: Three holes rusted through. 2LF CS4 corrosion.						
	Span 12, Truss 2, L15, Back, Pin Connection, Ahead, Bottom Flange: Gap between bottom flange and right web; distortion after pin. CS3 corrosion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 12, Truss 2, L16, Ahead, Inside of Lower Chord: Corrosion with flaking rust along plates. 10LF CS3 corrosion.						
	Span 12, Truss 2, L16, Ahead, Left Side Plate: 6" corrosion with 3/16" section loss. CS3 corrosion.						
	Span 12, Truss 2, L16, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/4". 8LF CS3 corrosion.						
	Span 12, Truss 2, L17, Ahead & Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/4". 15LF CS3 corrosion.						
	Span 12, Truss 2, L17, Back, Top Flange: 1" diameter rust hole. 1LF CS4 corrosion.						
	Span 12, Truss 2, L17, Bottom Flange: Distortion up to 1/2". CS3 corrosion.						
	Span 12, Truss 2, L18, Ahead, Outside Plate: 10' x 4" corrosion with 1/16" section loss. 10LF CS3 corrosion.						
	Span 12, Truss 2, L18, Back, Top Flange: 1/2" diameter corrosion hole. 1LF CS4 corrosion..						
	Span 12, Truss 2, L19, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust between plates. 10LF CS3 corrosion.						
	Span 12, Truss 2, L19, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 4LF CS3 corrosion.						
	Span 12, Truss 2, L19, Back, Top Flange: 1/2" x 1" corrosion hole. 1LF CS4 corrosion..						
	Span 12, Truss 2, L20, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/4". 10LF CS3 corrosion.						
	Span 12, Truss 2, L20, Back, Bottom Flange Adjacent to Lower Gusset: 29" x 2" corrosion with section loss up to 3/16". 1LF CS3 corrosion.						
	Span 12, Truss 2, L20, Back, Inside of Lower Chord: Corrosion with flaking rust and 1/8" section loss. 20LF CS3 corrosion.						
	Span 12, Truss 2, L20, Back, Outside of Lower Chord: 2.5' x 1" corrosion with 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 2, L21, Ahead & Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust between plates. 20LF CS3 corrosion.						
	Span 12, Truss 2, L21, Back, Bottom Outside Plate: Corrosion with flaking rust and 1/8" section loss. CS3 corrosion.						
	Span 12, Truss 2, L22, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 5/16" section loss. 10LF CS3 corrosion.						
	Span 12, Truss 2, L23, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 1/16" section loss. 8LF CS3 corrosion.						
	Span 12, Truss 2, L23, Back, Second Portal Back, Bottom Flange: Heavy section loss with 2" hole. 4LF CS4 corrosion.						
	Span 12, Truss 2, L23, Back, Second Portal Hole: 1" x 1" hole. 1LF CS4 corrosion.						
	Span 12, Truss 2, L23, Back, Adjacent to Lower Gusset: Heavy section loss with 1/4" hole. 2LF CS4 corrosion..						
	Span 12, Truss 2, L23, Back, Bottom Plate: Corrosion with 1/8" section loss. 3LF CS3 corrosion.						
	Span 12, Truss 2, L23, Back, Inside of Lower Chord: Corrosion with flaking rust and section loss up to 5/16". 12LF CS3 corrosion.						
	Span 12, Truss 2, L24, Back, Top Flange: Corrosion with 1/2" hole. 1LF CS4 corrosion..						
	Span 12, Truss 2, L25, Back, Inside of Lower Chord: Corrosion with flaking rust. 8LF CS3 corrosion.						
	Span 12, Truss 2, L26, Ahead & Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/4". 60LF CS3 corrosion.						
	Span 12, Truss 2, L27, Ahead & Back, Inside of Lower Chord: Corrosion with flaking rust and up to 5/16" section loss. 20LF CS3 corrosion. Span 12, Truss 2, L27, Bottom Plate: Corrosion with 1/6" section loss. CS3 corrosion.						
	Span 12, Truss 2, L28, Ahead & Back, Inside of Lower Chord: Laminated rust with 5/16" section loss; rivet head loss 10–80%. 60LF CS3 corrosion.						
	Span 12, Truss 2, L29, Ahead & Back, Inside of Lower Chord: Laminated rust with 1/4" section loss. 14LF CS3 corrosion.						
	Span 13, Truss 1, L32, Ahead, Below Slice: Corrosion with minor section loss, pack rust, and minor distortion. 1LF CS3 corrosion.						
	Span 13, Truss 1, L32, Back and Ahead, Bottom Chord: Laminating rust up to 3/8" section loss over a 15' x 9" area. 30LF CS3 corrosion.						
	Span 13, Truss 1, L33, Ahead, Bottom Chord, Top Flange Connection: 9/16" pack rust. 1LF CS3 corrosion.						
	Span 13, Truss 1, L36, Ahead, Bottom Chord, Right Web: Section loss up to 5/16". 15LF CS3 corrosion.						
	Span 13, Truss 1, L36, Ahead, Inside of Lower Chord: Active corrosion with section loss and flaking rust along the web. 10LF CS3 corrosion.						
	Span 13, Truss 1, L36, Ahead: Surface corrosion, full length. CS2.						
	Span 13, Truss 1, L38, Ahead, Bottom Chord, Right Web: 3/8" section loss. 15LF CS3 corrosion.						
	Span 13, Truss 1, L38, Back, Bottom Chord, Right Web: 5/16" section loss. 15LF CS3 corrosion.						
	Span 13, Truss 1, L38, Back, Inside of Lower Chord: Active corrosion with section loss up to 5/16" to the web. 8LF CS3 corrosion.						
	Span 13, Truss 1, L38, Back, Right Web and Bottom Flange: Heavy section loss up to 5/16". 12LF CS3 corrosion.						
	Span 13, Truss 1, L42, Ahead, Inside of Lower Chord: Active corrosion with section loss up to 5/16" to bottom of top flange and webs. 10LF CS3 corrosion.						
	Span 13, Truss 1, L42, Back, Inside of Lower Chord: Active corrosion with laminated rust buildup. 7LF CS3 corrosion.						
	Span 13, Truss 1, L42, Back, Top Flange to Right Web Connection: Pack rust causing distortion in the top flange. 15LF CS2.						
	Span 13, Truss 1, L43, Back, Lower Chord to Bottom Lateral Gusset Plate Connection: 1/2" crack in tack weld. 1LF CS3 crack.						
	Span 13, Truss 1, L44, Ahead, Inside: Up to 1/4" section loss. 15LF CS3 corrosion.						



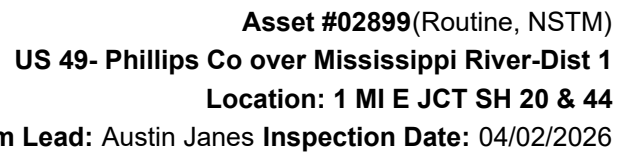
ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 13, Truss 1, L47, Ahead, Inside of Lower Chord: Active corrosion with flaking rust and pack rust between the top flange and web plates. 14LF CS3 corrosion.						
	Span 13, Truss 1, L47, Inside, Top Plate and Side Plates: Pack rust with up to 3/16" section loss. 12LF CS3 corrosion.						
	Span 13, Truss 1, L48, Back, Inside: Section loss up to 1/2", full length between panel points. 42LF CS3 corrosion.						
	Span 13, Truss 2, L31, Second Portal Back, Bottom Flange: Heavy section loss with 2" diameter hole. 2LF CS4 corrosion..						
	Span 13, Truss 2, L31, Top Flange Connection: Moderate pack rust (~3/8"). 1LF CS3 corrosion.						
	Span 13, Truss 2, L32, Back and Ahead, Bottom Chord: Laminating rust up to 1/4" section loss over a 15' x 9" area. 30LF CS3 corrosion.						
	Span 13, Truss 2, L32, Back, Lower Chord: Active corrosion with section loss up to 1/4" and severe rivet head loss. 6LF CS3 corrosion.						
	Span 13, Truss 2, L32, Inside of Lower Chord: Active corrosion with section loss up to 3/16" adjacent to angle connection plates. 4LF CS3 corrosion.						
	Span 13, Truss 2, L34, Left, Lower Chord: Active corrosion with crevice corrosion adjacent to the floorbeam connection. 1LF CS3 corrosion.						
	Span 13, Truss 2, L35, Ahead, Bottom Chord: Heavy section loss to webs and bottom flange. 20LF CS3 corrosion.						
	Span 13, Truss 2, L35, Bottom Flange at Bottom Gusset Corners: Active corrosion and section loss up to 3/16". 4LF CS3 corrosion.						
	Span 13, Truss 2, L35, Lower Chord: Active corrosion with section loss up to 1/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Truss 2, L36, Back, Inside of Lower Chord: Active corrosion with flaking rust and rivet head loss. 12LF CS3 corrosion.						
	Span 13, Truss 2, L36, Lower Chord: Active corrosion with crevice corrosion along the floorbeam connection plates. 1LF CS3 corrosion.						
	Span 13, Truss 2, L37, Second Portal Back: Knife edge on left edge of portal. 4LF CS3 corrosion.						
	Span 13, Truss 2, L38, Back, Inside of Lower Chord: Active corrosion with laminated rust buildup and corroded rivet heads. 6LF CS3 corrosion.						
	Span 13, Truss 2, L39, Back, Bottom Chord: Laminating rust. 15LF CS3 corrosion.						
	Span 13, Truss 2, L39, Inside Web: Pack rust and distortion to Floor Beam 29. 25LF CS3 corrosion.						
	Span 13, Truss 2, L40, Ahead, Bottom Chord, Second Portal Hole: Knife edge section loss. 1LF CS3 corrosion.						
	Span 13, Truss 2, L40, Back, Second Portal Hole in Bottom Flange: Knife edge corrosion. 1LF CS3 corrosion.						
	Span 13, Truss 2, L40, Inside, Bottom Plate: Laminating rust. 15LF CS3 corrosion.						
	Span 13, Truss 2, L40, Second Portal Ahead: Knife edge; heavy section loss up to 1/4". 12LF CS3 corrosion.						
	Span 13, Truss 2, L40, Second Portal Back: Knife edge with 1" x 2" hole; distortion to bottom flange. 10LF CS3 corrosion.						
	Span 13, Truss 2, L40, Third Portal Back: Knife edge around most of the edge. 1LF CS3 corrosion.						
	Span 13, Truss 2, L41, Back: Multiple holes rusted through (largest 12" x 4"). 5LF CS4 corrosion..						
	Span 13, Truss 2, L41, Inside, Top Flange: Heavy section loss. 15LF CS3 corrosion.						
	Span 13, Truss 2, L41, Second Portal Back: Knife edge; bottom flange section loss up to 1/4". 10LF CS3 corrosion.						
	Span 13, Truss 2, L42, Back and Ahead, Inside Bottom Web Juncture: Heavy corrosion. 30LF CS3 corrosion.						
	Span 13, Truss 2, L42, Back, Left Web: Pack rust at angle connection. 25LF CS3 corrosion.						
	Span 13, Truss 2, L42, Back, Top Flange to Left Web Connection: Pack rust causing distortion. 20LF CS2.						
	Span 13, Truss 2, L44, Ahead, Lower Chord: Active corrosion with pack rust up to 1/8". 1LF CS3 corrosion.						
	Span 13, Truss 2, L44, Back and Ahead, Bottom Chord, Web Junctures: Heavy section loss up to 1/2". 15LF CS3 corrosion.						
	Span 13, Truss 2, L44, Back, Inside of Lower Chord: Laminated rust buildup. 8LF CS3 corrosion.						
	Span 13, Truss 2, L45, Ahead, Lateral Cross Bracing: 7" x 3" hole. CS3 corrosion.						
	Span 13, Truss 2, L45, Ahead, Lower Chord: Active corrosion with section loss up to 1/8" and pack rust up to 3/8". 1LF CS3 corrosion.						
	Span 13, Truss 2, L45, Back, Inside of Lower Chord: Heavy active corrosion with flaking rust along top of bottom flange and inside webs. 10LF CS3 corrosion.						
	Span 13, Truss 2, L45, Bottom Plate to Lower Gusset: Pack rust. 1LF CS3 corrosion.						
	Span 13, Truss 2, L46, Ahead, Inside of Lower Chord: Heavy active corrosion with section loss 3/8"-7/16" for 4'. 15LF CS3 corrosion.						
	Span 13, Truss 2, L46, Back, Inside of Lower Chord: Heavy active corrosion with section loss 3/8"-7/16" for 4'. 8LF CS3 corrosion.						
	Span 13, Truss 2, L46, Back, Inside: Moderate section loss. 15LF CS3 corrosion.						
	Span 13, Truss 2, L47, Bottom Gusset of Lower Chord: Pack rust. 1LF CS3 corrosion.						
	Span 13, Truss 2, L47, Left Web and Cover Plate: 3/8" pack rust. 8LF CS3 corrosion.						
	Span 13, Truss 2, L48, Back, Inside of Lower Chord: Heavy active corrosion with flaking rust along top of bottom flange and inside webs. 12LF CS3 corrosion.						
	Span 13, Truss 2, L48, Back, Upstream Face Web: Pack rust between built up members. 42LF CS3 corrosion.						
	Span 14, Truss 1, L48-L49, Inside of Lower Chord: Active corrosion with flaking rust to the flanges and webs. 8LF CS3 corrosion.						
	Span 14, Truss 1, L49, Inside: Pack rust between the top and side plates. 3LF CS3 corrosion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 14, Truss 1, L49–L50, Lower Chord: Active corrosion with flaking rust and section loss to rivet heads. 4LF CS3 corrosion.						
	Span 14, Truss 1, L50, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 10LF CS3 corrosion.						
	Span 14, Truss 1, L50, Back, Lower Chord: Active corrosion with section loss up to 3/8" to the bottom flange at two portals. 8LF CS3 corrosion.						
	Span 14, Truss 1, L51, Vertical Connection Plate: Active corrosion with section loss up to 1/16". 1LF CS3 corrosion.						
	Span 14, Truss 1, L52, Back, Lower Chord: Active corrosion with section loss up to 1/4". 9LF CS3 corrosion.						
	Span 14, Truss 1, L52, Top Plate of Lower Chord: Transverse distortion. 1LF CS2.						
	Span 14, Truss 1, L53, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 3LF CS3 corrosion.						
	Span 14, Truss 1, L54, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 1, L55, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 1/16" section loss. 3LF CS3 corrosion.						
	Span 14, Truss 1, L55, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 20LF CS3 corrosion.						
	Span 14, Truss 1, L55, Lower Chord: Active corrosion with section loss up to 3/16" to the top flange. 1LF CS3 corrosion.						
	Span 14, Truss 1, L56, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 20LF CS3 corrosion.						
	Span 14, Truss 1, L57, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 7LF CS3 corrosion.						
	Span 14, Truss 1, L57, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss ranging from 1/16" to 3/16". 10LF CS3 corrosion.						
	Span 14, Truss 1, L58, Ahead, Lower Chord: Active corrosion with section loss up to 3/16" and pack rust up to 5/8". 1LF CS3 corrosion.						
	Span 14, Truss 1, L58, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 1/16" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 1, L59, Back, Inside of Lower Chord: Corrosion with flaking rust and 1/16" section loss. 6LF CS3 corrosion.						
	Span 14, Truss 1, L60, Inside: Short duration corrosion with flaking rust and 1/18" section loss. CS3 corrosion.						
	Span 14, Truss 1, L61, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 1/8" section loss. 12LF CS3 corrosion.						
	Span 14, Truss 1, L64, Back, Lower Chord: Active corrosion with flaking rust along bottom of lateral gusset plate. 2LF CS3 corrosion.						
	Span 14, Truss 2, L49, Inside Cover Plate: Pack rust and distortion. 40LF CS3 corrosion.						
	Span 14, Truss 2, L50, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 2, L50, Side Plates: 1/4" section loss. 6LF CS3 corrosion.						
	Span 14, Truss 2, L50, Back, Lower Chord: Active corrosion with flaking rust along inside of lower chord. 12LF CS3 corrosion.						
	Span 14, Truss 2, L50, Back, Lower Chord: Active corrosion with section loss up to 1/2" to the bottom flange at two portals. 5LF CS3 corrosion.						
	Span 14, Truss 2, L51, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 40LF CS3 corrosion.						
	Span 14, Truss 2, L52, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 8LF CS3 corrosion.						
	Span 14, Truss 2, L52, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 10LF CS3 corrosion.						
	Span 14, Truss 2, L52, Top Plate of Lower Chord: Transverse distortion. CS2.						
	Span 14, Truss 2, L52, Lower Chord: Active corrosion with heavy section loss to inside left web and 13 rivets. 10LF CS3 corrosion.						
	Span 14, Truss 2, L53, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 15LF CS3 corrosion.						
	Span 14, Truss 2, L53, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 8LF CS3 corrosion.						
	Span 14, Truss 2, L54, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 25LF CS3 corrosion.						
	Span 14, Truss 2, L54, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 6LF CS3 corrosion.						
	Span 14, Truss 2, L54, Inside: Minor distortion. 2LF CS2.						
	Span 14, Truss 2, L54, Left Plate: 1/4" section loss. 1LF CS3 corrosion.						
	Span 14, Truss 2, L55, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 15LF CS3 corrosion.						
	Span 14, Truss 2, L55, Ahead, Outside Bottom Plate: 6" × 2" corrosion with flaking rust and 1/4" section loss. CS3 corrosion.						
	Span 14, Truss 2, L55, Ahead, Right, Lower Chord: Minor distortion along the bottom flange. 1LF CS2.						
	Span 14, Truss 2, L55, Lower Chord: Active corrosion with a 1/2" diameter hole in the bottom flange. 1LF CS4 corrosion.						
	Span 14, Truss 2, L56, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust and 1/8" section loss. 16LF CS3 corrosion.						
	Span 14, Truss 2, L56, Bottom Plate of Lower Chord: Bulging. CS3 corrosion.						
	Span 14, Truss 2, L57, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 12LF CS3 corrosion.						
	Span 14, Truss 2, L57, Back, Inside: Pack rust between angle and top plate causing distortion. 42LF CS3 corrosion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 14, Truss 2, L57, Lower Chord: Bulge in top plate. CS3 corrosion.						
	Span 14, Truss 2, L58, Ahead, Bottom Plate: Corrosion with 3/16" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 2, L58, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 20LF CS3 corrosion.						
	Span 14, Truss 2, L58, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 2, L59, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 1/16" section loss. 10LF CS3 corrosion.						
	Span 14, Truss 2, L60, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 5/16". 15LF CS3 corrosion.						
	Span 14, Truss 2, L61, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 5/16". 15LF CS3 corrosion.						
	Span 14, Truss 2, L61, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss ranging from 1/16" to 1/4". 5LF CS3 corrosion.						
	Span 14, Truss 2, L61, Back, Upstream Face, Top Angle Plate: 3'3" crack. 4LF CS4 crack.						
	Span 14, Truss 2, L62, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 10LF CS3 corrosion.						
	Span 14, Truss 2, L62, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 20LF CS3 corrosion.						
	Span 14, Truss 2, L63, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 3/16" section loss. 6LF CS3 corrosion.						
	Span 14, Truss 2, L63, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 1/8" section loss. 4LF CS3 corrosion.						
	Span 14, Truss 2, L64, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 10LF CS3 corrosion.						
	Span 14, Truss 2, L64, Bottom Flange of Lower Chord: Pack rust between flange and lower gusset. 1LF CS3 corrosion.						
	Span 15, Truss 1, L64, Ahead, Inside of Lower Chord: Corrosion. 4LF CS3 corrosion.						
	Span 15, Truss 1, L65, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust and 1/8" section loss. 10LF CS3 corrosion.						
	Span 15, Truss 1, L66, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and laminated rust. 20LF CS3 corrosion.						
	Span 15, Truss 1, L66, Inside of Lower Chord: Section loss to web. 5LF CS3 corrosion.						
	Span 15, Truss 1, L67, Lower Gusset Plate: Minor distortion. CS3 corrosion.						
	Span 15, Truss 1, L67, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust. 30LF CS3 corrosion.						
	Span 15, Truss 1, L68, Ahead, Right: Corrosion with flaking and pack rust. CS3 corrosion.						
	Span 15, Truss 1, L68, Left and Right: Short duration corrosion with flaking rust and 1/18" section loss. CS3 corrosion.						
	Span 15, Truss 1, L70, Ahead, Lower Chord: Pack rust and section loss between plates at the connection. 2LF CS3 corrosion.						
	Span 15, Truss 1, L72, Inside of Lower Chord: Pack rust between lower chord and gusset causing distortion. 1LF CS3 corrosion.						
	Span 15, Truss 1, L72, Inside: Minor distortion. 10LF CS2.						
	Span 15, Truss 1, L73, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/16" section loss. 7LF CS3 corrosion.						
	Span 15, Truss 1, L73, Back: Active corrosion with section loss to webs. 6LF CS3 corrosion.						
	Span 15, Truss 1, L74, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 8LF CS3 corrosion.						
	Span 15, Truss 2, L64, 20' Ahead of L64, Downstream Face Side Plate: Six 1" cracked tack welds along outside connection plate. CS2 crack.						
	Span 15, Truss 2, L64, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and laminated rust. 15LF CS3 corrosion.						
	Span 15, Truss 2, L65, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and laminated rust. 30LF CS3 corrosion.						
	Span 15, Truss 2, L66, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 15LF CS3 corrosion.						
	Span 15, Truss 2, L67, Inside of Lower Chord: Moderate corrosion. 4LF CS3 corrosion.						
	Span 15, Truss 2, L67, Top Plate of Lower Chord: Pack rust between top plate and reinforcing plate. 3LF CS3 corrosion.						
	Span 15, Truss 2, L68, Ahead: Corrosion with flaking and pack rust. CS3 corrosion.						
	Span 15, Truss 2, L69, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss ranging from 1/16" to 1/4". 15LF CS3 corrosion.						
	Span 15, Truss 2, L69, Inside of Lower Chord: Corrosion, pack rust, and section loss up to 1/4". 4LF CS3 corrosion.						
	Span 15, Truss 2, L70: Pack rust between lower chord and lower gusset. 1LF CS3 corrosion.						

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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 6: Active corrosion with a 4" X 6" hole and a 3" X 1/2" hole in the web. 1LF CS4 corrosion.						
	Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 7: Active corrosion with a 1/2" diameter hole, 3" X 2 1/2" hole, and a 1" X 3/4" hole in the web. 2LF CS4 corrosion.						
	Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 8: Active corrosion with a 4" X 3 1/2" hole in the web						
	Span 12, Ahead Floorbeam at PP25, Stiffeners 6 and 7: Active corrosion with holes in the stiffeners.						
	Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 3: Active corrosion with a 1/2" diameter hole in the web. 1LF CS4 corrosion.						
	Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 5: Active corrosion with a 2" X 1 1/2" hole in the web. 1LF CS4 corrosion.						
	Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 6: Active corrosion with a 2 1/2" X 1 1/2" hole and a 1/2" diameter hole in the web. 1LF CS4 corrosion.						
	Span 12, Floorbeam 12, Ahead, Adjacent to Stringer 2: Active corrosion with section up to 3/8" to the top flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 12, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 14, Ahead, Adjacent to Stringer 1: Active corrosion with pack rust between the top flange and the deck. 5LF CS3 corrosion.						
	Span 12, Floorbeam 14, Back, Stiffener 9: Active corrosion with pack rust between the web and the stiffener up to 1/8" and a hole in the bottom of the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 15, Right, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 16, Ahead, Adjacent to Stringer 1: Active corrosion with pack rust between the top flange and the deck. 3LF CS3 corrosion.						
	Span 12, Floorbeam 16, Baack, Adjacent to Stiffener 9: Active corrosion with pack rust. 1LF CS3 corrosion.						
	Span 12, Floorbeam 16, Left, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 18, Ahead, Stiffener 3: Active corrosion with a hole in the bottom of the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 18, Ahead: Moderate corrosion along the top flange. 12LF CS3 corrosion.						
	Span 12, Floorbeam 18, Back, Adjacent to Stiffener 7: Active corrosion with a 1" X 5/8" hole in the web. 1LF CS4 corrosion.						
	Span 12, Floorbeam 18, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 12, Floorbeam 18, Left, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 20, Back, Adjacent to Stiffener 9: Active corrosion with a 1" X 3/4" hole in the web. 1LF CS4 corrosion.						
	Span 12, Floorbeam 20, Back, Right: Active corrosion with section loss to the bottom flange cover plate. 2LF CS3 corrosion.						
	Span 12, Floorbeam 20, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 21, Ahead, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/4" to the bottom flange angle connection, along with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 22, Adjacent to Stiffener 5: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 12, Floorbeam 22, Left, Bottom Flange: Active corrosion with moderate flaking rust and section loss to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 24, Ahead, Adjacent to Stiffener 1: Active corrosion with pack rust between the web and the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 24, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 29, Right, Bottom Flange: Active corrosion with a 1/2" diameter hole in the bottom flange. 1LF CS4 corrosion.						
	Span 12, Floorbeams at PP25: Heavy corrosion along the bottom flange. 60LF CS3 corrosion. Minus CS4						
	Span 12, panel point 25, 9/16" section loss to the windlock.						
	Span 12, PP15, Windlock: Heavy corrosion. CS3 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 5: Active corrosion with a 1" X 1" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 5: Active corrosion with a 6" X 5" Hole in the web on the left side of the stiffener. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 6: Active corrosion with a 5" X 4" Hole in the web on the left side of the stiffener and a 1 1/2" X 1" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 7: Active corrosion with a 3" X 2" Hole in the web on the left side of the stiffener and a 1 1/2" X 2 1/4" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 8: Active corrosion with a 4" X 2" Hole in web. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Ahead, Bottom Flange Cover Plate: Active corrosion with a 29" X 4" Hole in the cover plate. 3LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Back, Stiffeners 5 - 7: Active corrosion with holes in the stiffeners.						
	Span 13, Ahead Floorbeam at PP43, Bottom Flange, Left: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 13, Ahead Floorbeam at PP43, Bottom Flange, Right: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Ahead, Stiffeners 3 - 6: Active corrosion with holes in the stiffeners.						
	Span 13, Back Floorbeam at PP43, Back, Adjacent to Stiffener 9: Active corrosion with section loss to the web to bottom flange angle up to 3/8". 1LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Back, Top Flange, Right: Active corrosion with flaking rust along the Top Flange. 3LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Bottom Flange, Right: Active corrosion with section loss up to 5/16". 1LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Left of Windlock: Active corrosion with section loss up to 5/16" to Bottom Flange cover plate. 1LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Right of Windlock: Active corrosion with section loss up to 5/16" to Bottom Flange cover plate. 1LF CS3 corrosion.						
	Span 13, Floorbeam 33, Right, Bottom Flange: Active corrosion with section loss up to 7/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 37, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 2LF CS3 corrosion.						
	Span 13, Floorbeam 42, Ahead, Left of Stiffener 1: Active corrosion with section loss up to 1/4" to the web to bottom flange angle. 2LF CS3 corrosion.						
	Span 13, Floorbeam 42, Ahead, Top Flange, Right and Left: Active corrosion with flaking rust and pack rust between the top flange and the deck. 8LF CS3 corrosion.						
	Span 13, Floorbeam 42, Back, Adjacent to Stiffener 1: Active corrosion with section loss up to 5/16" to the bottom flange angle. 1LF CS3 corrosion.						
	Span 13, Floorbeam 42, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 13, Floorbeam 42, Bottom Flange, Left: Active corrosion with section loss up to 1/4". 1LF CS3 corrosion.						
	Span 13, Floorbeam 42, Bottom Flange, Right: Active corrosion with section loss ranging from 7/16" - 1/2". 2LF CS3 corrosion.						
	Span 13, Floorbeam 42, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 44, Bottom Flange, Left: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 44, Bottom Flange, Right: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 45, Bottom Flange, Left: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 45, Bottom Flange, Right: Active corrosion with section loss from 7/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 46, Back, Adjacent to Stiffener 5: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 13, Floorbeam 46, Back: Active corrosion with flaking rust and moderate section loss to the web to bottom flange angles. 2LF CS3 corrosion.						
	Span 13, Floorbeam 46, Bottom Flange, Left: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 46, Bottom Flange, Right: Active corrosion with section loss from 7/16" - 1/2" to the bottom flange. 2LF CS3 corrosion.						
	Span 13, Floorbeam 46, Right of Stringer 2: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 13, Floorbeam 47, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 7LF CS3 corrosion.						
	Span 13, Floorbeam 47, Bottom Flange, Left: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 47, Bottom Flange, Right: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 48, Top Flange, Right, Back: Heavy Active corrosion with flaking rust and section loss. 4LF CS3 corrosion.						
	Span 13, Floorbeams at PP43: Active corrosion with moderate to heavy section loss to the flanges and webs. CS3 corrosion.						
	Span 13, PP43, Ahead of Windlock: Hole in lateral Gusset Plate at Windlock to Floorbeam connection.						
	Span 13, PP43, Windlock: Severe corrosion.						
	Span 14, Ahead Floorbeam at PP59, Bottom Flange, below Stringer 2: Active corrosion with a 36" X 3" Hole in the Bottom Flange. 3LF CS4 corrosion.						
	Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 5: Active corrosion with a 2 1/2" X 3" hole in the web. 1LF CS4 corrosion.						
	Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 6: Active corrosion with a 1" X 3/8" and 4" X 3/4" holes in the web. 1LF CS4 corrosion.						
	Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 7: Active corrosion with two 1/2" diameter holes in the web. 1LF CS4 corrosion.						
	Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 8: Active corrosion with a 1 1/2" X 1 1/4" hole in the web. 1LF CS4 corrosion.						
	Span 14, Ahead Floorbeam at pp59, Bottom Flange, Left: Active corrosion with section loss up to 5/16". 1LF CS3 corrosion.						
	Span 14, Ahead Floorbeam at PP59, Bottom Flange, Right: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						



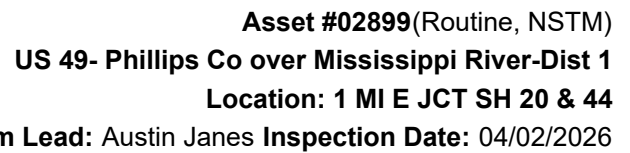
ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 14, Ahead Floorbeam at PP59, Stiffener 3: Active corrosion with a 4" X 1 1/4" hole and a 3/4" diameter hole in the web of the floorbeam. 1LF CS4 corrosion.						
	Span 14, Ahead Floorbeam at PP59, Stiffener 4: Active corrosion with a 3 1/2" X 4" hole and a 1 1/2" diameter hole in the web of the floorbeam. 1LF CS4 corrosion.						
	Span 14, Ahead Floorbeam at PP59, Stiffener 5: Active corrosion with a 6" X 7 1/2" hole in the web. 1LF CS4 corrosion.						
	Span 14, Ahead of back Floorbeam at PP59, Top Flange: Heavy corrosion with heavy section loss to the Top Flange.						
	Span 14, Ahead of back Floorbeam at PP59, Top Flange: Heavy corrosion with heavy section loss to the Top Flange. Full-length CS3 corrosion. 30LF Minus CS4.						
	Span 14, Back Floorbeam at PP59, Bottom Flange, Left: Active corrosion with a 2 1/2" X 1" hole in the Bottom Flange. 1LF CS4 corrosion.						
	Span 14, Back Floorbeam at PP59, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 49, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 49, Left, Bottom Flange: Active corrosion with section loss up to 1/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 49, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 50, Ahead, Adjacent to Stringer 1: Active corrosion with section loss up to 1/4" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 50, Back, Right: Active corrosion with section loss up to 3/16" to the top flange. 3LF CS3 corrosion.						
	Span 14, Floorbeam 50, Bottom Flange, Under stringer 3: Loose bolt, bolt is corroded. 1LF CS2 connection.						
	Span 14, Floorbeam 50, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 50, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 51, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 1/4" to the bottom flange angle connection. 1LF CS3 corrosion.						
	Span 14, Floorbeam 51, Back, Adjacent to Stringer 2: Active corrosion with pack rust up to 5/16" causing distortion. 1LF CS3 corrosion and 1LF CS2 distortion.						
	Span 14, Floorbeam 51, Back, Top Flange, Above Stringer 1: Active corrosion with section loss causing a 36" X 1/2" area with holes and knife's edge section remaining. 3LF CS4 corrosion.						
	Span 14, Floorbeam 51, Left, Bottom Flange: Active corrosion with section loss up to 1/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 51, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion.						
	Span 14, Floorbeam 51, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 52, Ahead, Adjacent to Stiffener 2: Active corrosion with section loss up to 3/16" to the bottom flange angle connection. 1LF CS3 corrosion.						
	Span 14, Floorbeam 52, Back and Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 14, Floorbeam 52, Back, Adjacent to Stiffener 8: Active corrosion with section loss up to 1/4" to the bottom flange angle connection. 1LF CS3 corrosion.						
	Span 14, Floorbeam 52, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 2LF CS3 corrosion.						
	Span 14, Floorbeam 53, Ahead, left of Stiffener 3: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 53, Ahead, Left of Stringer 2: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 53, Ahead, Left, Top Flange: Active corrosion with flaking rust. 5LF CS3 corrosion.						
	Span 14, Floorbeam 53, Ahead, Right of Stiffener 5: Active corrosion with section loss up to 1/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 53, Back, Bottom of Stringer 3 connection: 3/4" crack in tack weld. 1LF CS3 crack.						
	Span 14, Floorbeam 53, Back, Stringer 3 connection: Self arrested cracked tack weld. 1LF CS2 crack.						
	Span 14, Floorbeam 53, Left, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 53, Right, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 1/4" to the bottom flange angle connection, along with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Adjacent to Stiffener 4: Active corrosion with section loss up to 1/8" to the bottom flange angle connection. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Left of Stiffener 7: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Left of Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Left, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 55, Ahead, Right: Distortion in Top Flange. 2LF CS2 distortion.						
	Span 14, Floorbeam 55, Back, Adjacent to Stiffener 8: Active corrosion with section loss up to 1/4" to bottom flange angle connection. 1LF CS3 corrosion.						
	Span 14, Floorbeam 55, Left, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						



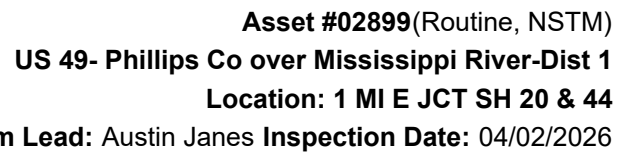
ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 14, Floorbeam 55, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 55, Top Flange: Typical Active corrosion with pack rust between the Top Flange and the deck. 6LF CS3 corrosion.						
	Span 14, Floorbeam 56 to Stringer 1, Pin and Hanger Assembly connection: Cracked tack weld, has not self arrested. 1LF CS2 crack.						
	Span 14, Floorbeam 56 to Stringer 2 Pin and Hanger Assembly connection: Cracked tack welds, has self arrested. 1LF CS2 crack.						
	Span 14, Floorbeam 56, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 56, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 57, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 57, Back, Adjacent to Stiffeners 3 and 7: Active corrosion with section loss up to 3/16" to the web. 2LF CS3 corrosion.						
	Span 14, Floorbeam 57, Back, Stiffeners 3, 6 and 7: Active corrosion with holes in the stiffeners. 3LF CS3 corrosion.						
	Span 14, Floorbeam 57, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 58, Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 2LF CS3 corrosion.						
	Span 14, Floorbeam 58, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 58, Right, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Ahead, Stiffener 1: Heavy corrosion to stiffener and adjacent angle connections. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Ahead, Top Flange, Above Stringer 1: 42" area of 1/8" remaining thickness to the Top Flange. 4LF CS3 corrosion.						
	Span 14, Floorbeam 60, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Bottom angle connection, back, below Stringer 1: Active corrosion with section loss up to 3/16" to the angle. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Bottom Flange, back, below Stringer 3: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Bottom Flange, Left: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Bottom Flange, Right: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 61, Back, Left of Stiffener 9, Web: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 61, Bottom Flange, Right: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 61, Top Flange, Ahead, Above Stringer 3: Active corrosion with section loss with a 24" X 1/2" area of section remaining down to knife's edge. 2LF CS3 corrosion.						
	Span 14, Floorbeam 62 to Stringer 2 Connection: Active corrosion with section loss up to 1/8" to Floorbeam web and 1/16" to stringer webs. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62 to Stringer 3 Connection: Active corrosion with section loss up to 1/8" to Floorbeam and Stringer webs. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Adjacent to Stringer 2: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Adjacent to Stiffener 2: Active corrosion with section loss up to 1/4" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, adjacent to Stiffener 4: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, adjacent to Stiffener 5: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Adjacent to Stringer 3, Web: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Bottom Flange: Active corrosion with flaking rust and section loss. 20LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Stiffener 4: Active corrosion with a hole in the stiffener.						
	Span 14, Floorbeam 62, Back, Stiffeners 2 and 3: Active corrosion with holes in the stiffeners.						
	Span 14, Floorbeam 62, Bottom Flange, Left: Active corrosion with section up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Bottom Flange, Right: Active corrosion with section up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 63, Ahead, Adjacent to Stringer 2: Distortion in Bottom Flange. 1LF CS2 distortion.						
	Span 14, Floorbeam 63, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, PP59, Back Floorbeam, Bottom Flange, Left of Windlock: Active corrosion with a 1" X 1 1/4" hole in Bottom Flange. 1LF CS4 corrosion.						
	Span 14, PP59, Back Floorbeam, Bottom Flange, Right of Windlock: Active corrosion with section loss up to 3/8" in Bottom Flange. 1LF CS3 corrosion.						
	Span 14, PP59, wind lock: Heavy corrosion.						
	Span 15, Floorbeam 65, Ahead, left of Stringer 3, Bottom Flange, Left: 5/8" distortion to the bottom flange. 1LF CS2 distortion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Span 15, Floorbeam 65, Top Flange, Ahead, Above Stringer 3: Active corrosion with heavy flaking rust, pack rust and section loss for and 8' area. Top Flange has knife's edge section remaining. 5LF CS3 corrosion. Span 15, Floorbeam 66, Bottom Flange, Left: Active corrosion with section loss up to 1/8". 1LF CS3 corrosion. Span 15, Floorbeam 66, Bottom Flange, Right: Active corrosion with section loss up to 3/8". 1LF CS3 corrosion. Span 15, Floorbeam 67, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8". 1LF CS3 corrosion. Span 15, Floorbeam 67, Bottom Flange, Left: Active corrosion with section loss up to 1/4". 1LF CS3 corrosion. Span 15, Floorbeam 67, Bottom Flange, Right: Active corrosion with section loss up to 3/16". 1LF CS3 corrosion. Span 15, Floorbeam 68, Ahead, at the Stringer 2 Pin and Hanger Assembly connection: Active corrosion with section loss to the connection plate. 1LF CS3 corrosion. Span 15, Floorbeam 68, Bottom Flange, Left: Active corrosion with section loss from 3/8" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 68, Bottom Flange, Right: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 69, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 8LF CS3 corrosion. Span 15, Floorbeam 69, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16". 1LF CS3 corrosion. Span 15, Floorbeam 69, Bottom Flange, Left: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 69, Bottom Flange, Right: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 70, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 8LF CS3 corrosion. Span 15, Floorbeam 70, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion. Span 15, Floorbeam 70, Bottom Flange, Left: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 70, Bottom Flange, Right: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 71, Adjacent to the Pin and Hanger Assembly at Stringer 2: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion. Span 15, Floorbeam 71, Ahead, Above Stiffener 1: Active corrosion with pack rust between the top flange and the deck. 3LF CS3 corrosion. Span 15, Floorbeam 71, Ahead, Adjacent to Stiffener 5: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion. Span 15, Floorbeam 71, Ahead, Adjacent to Stiffener 6: Active corrosion with section loss up to 1/2" to the bottom flange angle connection. 1LF CS3 corrosion. Span 15, Floorbeam 71, Ahead, Adjacent to Stringer 3: Cracked tack weld at Pin and Hanger Assembly connection plate. Crack has self-arrested. 1LF CS2 crack. Span 15, Floorbeam 71, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 71, Right, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 72, Adjacent to Stiffener 8: Active corrosion with a 1 1/2" diameter hole in the web. 1LF CS4 corrosion. Span 15, Floorbeam 72, Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion. Span 15, Floorbeam 72, Back, Above Stringer 3: Active corrosion with section loss causing holes and a knife-edge section remaining to top flange 3'x1". 3LF CS4 corrosion. Span 15, Floorbeam 72, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 72, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion. Span 15, Floorbeam 73, Adjacent to Stiffener 8: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion. Span 15, Floorbeam 73, Ahead, Above Stringer 3: Active corrosion with pack rust and section loss to the Top Flange causing holes and knife's edge section remaining for 16" X 1". 2LF CS4 corrosion. Span 15, Floorbeam 73, Back, Adjacent to Stiffener 2: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion. Span 15, Floorbeam 73, Back, Top Flange, Above Stringer 1: Active corrosion with section loss causing holes for a 32" area along the Top Flange. 3LF CS4 corrosion. Span 15, Floorbeam 73, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion. Span 15, Floorbeam 73, Right, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion. (515-152) 3/27/2025 - CCP The protective coating has limited to no effectiveness overall. 3/27/2025 - CCP The protective coating has limited to no effectiveness overall.							
161	Steel Pin - Pin and Hanger Assembly	EA	79	37	3	38	1
1000	Corrosion	EA	40	0	1	38	1



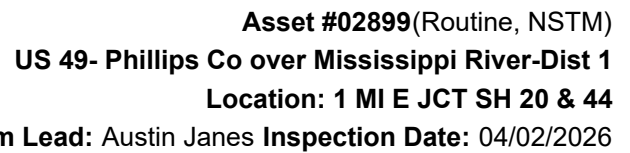
ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
the pins. 1EA CS3 corrosion. Span 15, Floorbeam 68, Stringers 1 – 3, Pin and Hanger Assemblies: Active corrosion with pack rust between the stringer and the hanger bars. 3EA CS3 corrosion. Span 15, Floorbeam 71, Stringers 1 – 3, Pin and Hanger Assemblies: Active corrosion with pack rust between the stringer and the hanger bars. 3EA CS3 corrosion. Upper Chords Pin and Hanger Assembly Notes: Span 12, Truss 2, U25, Pin and Hanger Assembly: The back top pin is offset to the left by approximately 1/2". Span 13, Truss 1, U43, Pin and Hanger Assembly: The back top pin has an area of section loss up to 1/4" for an area of 8" from grinding. 1EA CS2. Span 13, Truss 1, U43, Pin and Hanger Assembly: The back top pin has a cracked tack weld at the "Pin-to-Nut" connection. 1EA CS2 crack. Span 13, Truss 2, U43, Pin and Hanger Assembly: The ahead and back top pin has a cracked tack weld at the "Pin-to-Nut" connection. 1EA CS2 crack. (515-161) 3/27/2025 - CCP The protective coating has limited to no effectiveness overall. 3/27/2025 - CCP The protective coating has limited to no effectiveness overall.							
162	Steel Gusset Plate	EA	296	148	0	148	0
1000	Corrosion	EA	148	0	0	148	0
515	Steel Protective Coating	SF	16576	10826	2250	0	3500
3440	Effectiveness (Steel Protective Coatings)	SF	5750	0	2250	0	3500
(162) Lower Chord Gusset Plate:							
Span 11, Truss 1 and 2, L6, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16" to the gusset plates. 2EA CS3 corrosion. Span 11, Truss 1 and 2, L8, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/8" to the gusset plates. 2EA CS3 corrosion. Span 11, Truss 1, L2, Gusset Plate: Active corrosion with section loss up to 1/16". 1EA CS3 corrosion. Span 11, Truss 1, L4, Gusset Plate: Surface corrosion. 1EA CS2 corrosion. Span 11, Truss 2, L2, Gusset Plate: Active corrosion with section loss up to 1/16". 1EA CS3 corrosion. Span 11, Truss 2, L4, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion. Span 11, Truss 2, L7, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion. Span 12, Truss 1 and 2, L12, Gusset Plate: Active corrosion with flaking rust and pitting. 2EA CS3 corrosion. Span 12, Truss 1 and 2, L14, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/8". 2EA CS3 corrosion. Span 12, Truss 1 and 2, L16, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 2EA CS3 corrosion. Span 12, Truss 1 and 2, L18, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 2EA CS3 corrosion. Span 12, Truss 1 and 2, L20, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 2EA CS3 corrosion. Span 12, Truss 1 and 2, L21, Gusset Plate: Active corrosion with light pitting. 2EA CS3 corrosion. Span 12, Truss 1 and 2, L24, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/8" – 3/16". 2EA CS3 corrosion. Span 12, Truss 1, L11, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/8". 1EA CS3 corrosion. Span 12, Truss 1, L22, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion. Span 12, Truss 1, L23, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1 EA CS3 corrosion. Span 12, Truss 1, L28, Gusset Plate: Active corrosion with flaking rust and moderate pitting. 1EA CS3 corrosion. Span 12, Truss 2, L26, Gusset Plate: Active corrosion with flaking rust and moderate pitting. 1EA CS3 corrosion.							



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Span 13, Truss 1 and 2, L44, Gusset Plate: Active corrosion with section loss up to 3/16". 2EA CS3 corrosion.							
Span 14, Truss 1 and 2, L51, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.							
Span 14, Truss 1 and 2, L52, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.							
Span 14, Truss 1 and 2, L56, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.							
Span 14, Truss 1 and 2, L60, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.							
Span 14, Truss 1 and 2, L63, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.							
Span 14, Truss 1, L64, Inside Gusset Plate: Cracked tack weld. 1EA CS2 crack.							
Span 14, Truss 2, L50, Gusset Plate: Active corrosion with pack rust, causing minor distortion to the gusset plate. 1EA CS3 corrosion.							
Span 14, Truss 2, L53, Gusset Plate: Active corrosion with pack rust between the lateral bracing and lower lateral gusset plate connection. 1EA CS3 corrosion.							
Span 14, Truss 2, L54, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/8". 1EA CS3 corrosion.							
Span 14, Truss 2, L58, Inside Gusset Plate: Active corrosion with pack rust between the gusset plate and the lower chord. 1EA CS3 corrosion.							
Span 14, Truss 2, L59, Outside Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion.							
Span 15, Truss 1 and 2, L67, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.							
Span 15, Truss 1, L70: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion.							
Span 15, Truss 1, L74: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion.							
Span 15, Truss 2, L73: Active corrosion with flaking rust and section loss up to 1/8". 1EA CS3 corrosion.							
Upper Chord Gusset Plate:							
Span 12, Truss 1, U23, Outside Gusset Plate: Active corrosion with section loss up to 1/16". 1EA CS3 corrosion.							
Span 13, Truss 1, L33 to U33, Center Gusset Plate: Active corrosion with surface rust and flaking paint. 1EA CS2 corrosion.							
Span 13, Truss 1, U35, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.							
Span 13, Truss 1, U37, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.							
Span 13, Truss 1, U35, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.							
Span 14, Truss 1, U53, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.							
Span 15, Truss 1, U71, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.							
(515-162) 3/27/2025 - CCP							
The protective coating has limited to no effectiveness overall.							
202	Steel Column	EA	14	7	1	6	0
1000	Corrosion	EA	6	0	0	6	0
1010	Cracking	EA	1	0	1	0	0
515	Steel Protective Coating	SF	392	289	85	18	0
3440	Effectiveness (Steel Protective Coatings)	SF	103	0	85	18	0
(202) Pier 7, Column 1: Active corrosion with pack rust between Column and Gusset Plates. 1EA CS3 corrosion.							
Pier 8, Column 1, Right, Near Top: 1/2" crack in tack weld in the angle connection plates under the Bearing. 1EA CS2 crack.							
Pier 8, Column 2: Active corrosion with pack rust between Column and Gusset Plates. 1EA CS3 corrosion.							
Pier 9, Column 1, Back flange: Rolling defect between the top and middle Gusset Plate.							

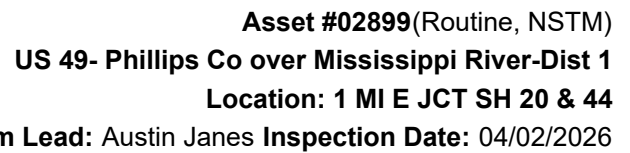


ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Pier 9, Column 1, Ahead: Active corrosion with pack rust at the middle Gusset Plate connection. 1EA CS3 corrosion. Pier 9, Column 2, Ahead: Active corrosion with pack rust at the middle and bottom Gusset Plate connection. 1EA CS3 corrosion. Pier 16, Column 1: Active corrosion with pack rust between Column and Gusset Plates. 1EA CS3 corrosion. Pier 16, Column 2: Active corrosion with pack rust between Column and Gusset Plates. 1EA CS3 corrosion. (515-202) The protective coating has limited to no effectiveness overall.							
205	Reinforced Concrete Column	EA	40	19	10	11	0
1090	Exposed Rebar	EA	7	0	0	7	0
1120	Efflorescence/Rust Staining	EA	4	0	0	4	0
1130	Cracking (RC and Other)	EA	10	0	10	0	0
(205) Pier 4, Column 2: Vertical cracking. 1EA CS2 cracking.							
Pier 5, Back, Column 1: Spalling with exposed reinforcing steel. 1EA CS3 exposed reinforcing steel. Pier 5, Column 2: Spalling with exposed reinforcing steel. 1EA CS3 exposed reinforcing steel. Pier 5, Column 2: Cracking near the bearing area. CS2 cracking. Pier 6, Back, Column 2: Spalling with exposed reinforcing steel. 1EA CS3 exposed reinforcing steel. Pier 7, Ahead, Column 1: Spalling with exposed reinforcing steel. 1EA CS3 exposed reinforcing steel. Pier 8, Back, Column 1: Two spalls with exposed reinforcing steel. 1EA CS3 exposed reinforcing steel. Pier 10, Column 1, Back: Cracking with efflorescence build-up below the bearing. 1EA CS3 efflorescence. Pier 16, Column 1: Cracking. 1EA CS2 cracking. Pier 19, Column 2, Right: Spalling with exposed reinforcing steel. 1EA CS3 exposed reinforcing steel. Pier 19, Column 2, Right: cracking with efflorescence and rust staining. CS3 efflorescence.							
Floor beam 73, 1/8" section loss to web at stiffener 9, 3/16" at stiffener 8 Floor beam 71, left and rightright side, 1/4+ section loss to bottom flange at the end of the cover plate and at gusset. Section loss up 3/16" in web at stiffeners, 1, 2 8 and 9. Floor beam 70 left and right side1/4"+ section loss to bottom flange at the cover plate and gusset, section loss to web at stiffener 9. Missing bolt on stringer Floor beam 69 left and right side, 1/4"+ section loss to bottom flange at the end of the cover pk,ate and at gusset. 1/4" section loss to bottom flange cover plate back between stringers 2 and 3. Stringer 2 ahead, 2 sheared rivets. Floor beam 68, 1/8" section loss to bottom flange at the end of the cover plate, section loss to web at stiffeners 9, 2 Floor beam 67, 1/8" section loss at stiffener 2, 3, 7, 8, 9, 3/16" section loss bottom flange at the end of the cover plate and end of gusset. Right side ahead, lower gusset, pack rust between the gusset and lateral brace.							
Floor beam 66, left side, 1/16" section loss to bottom flange at the end of the cover plate. Floor beam 64, section loss to web at stiffener 7, corrosion to top flange at the ends. Floor beam 63, 1/8" section loss to the bottom flange at the end of the cover plate and gussets as well as stiffener 9 Floor beam 60, 3/16" section loss to the bottom flange at the end of the cover plate and gusset. Section loss to the bottom flange cover plate and web at stiffener 2, 8 and 9 Pier 13, Column 2, Back: Cracking with efflorescence build up. Pier 14, Column 1: Cracking with efflorescence build up. 1EA CS3 efflorescence. Pier 13, Column 1, Back: Cracking with efflorescence build-up below the bearing area. 1EA CS3 efflorescence. Pier 12, Column 1, Back: Cracking with efflorescence build-up below the bearing. 1EA CS3 efflorescence. Pier 12, Column 2, Back: Cracking with efflorescence build-up below the bearing. 1EA CS3 efflorescence.							

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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
234	Reinforced Concrete Pier Cap	LF	221	176	25	20	0
1090	Exposed Rebar	LF	1	0	0	1	0
1120	Efflorescence/Rust Staining	LF	19	0	0	19	0
1130	Cracking (RC and Other)	LF	25	0	25	0	0
(234) 04/03/2024 - JRT							
Caps have areas of minor cracking scattered throughout the structure at each bent. CS2 04/03/2024 - JRT							
Caps have vertical and horizontal cracking and isolated areas of efflorescence.							
301	Pourable Joint Seal	LF	589	86	0	208	295
2310	Leakage	LF	208	0	0	208	0
7000	Damage	LF	295	0	0	0	295
(301) Pourable Joints: All joints in the truss spans have either damage, missing joint material causing water leakage, and/or debris accumulation.							
PP3: Joint loose in the Arkansas-bound lane 9'. PP8, Joint: Cracked and loose for 56" in the Mississippi-bound lane. PP8, Joint: Cracked and loose for 56" in the Mississippi-bound lane.							
303	Assembly Joint with Seal	LF	310	85	105	120	0
2310	Leakage	LF	225	0	105	120	0
(303) Overall, the joints are in poor condition. Neoprene troughs at finger joints are torn and impacted with debris. Compression joints have torn or missing joint material, leading to water and debris from the roadway surface leaking down onto the steel superstructure components below. This leaking is causing heavy corrosion and section loss on those members. Abutment 1, Joint: Fingers closed due to rotation in abutment. Span 19, pin and hanger joint: trough torn full length of joint. LF CS4 Span 19, pin and hanger: joint material torn loose on Cantilever. Corrosion to top flange of cantilever Floorbeam members. Abutment 1 joint is closed. Fingers of left lane on the ahead side are up to 3/4" higher than on the backside. Pier 10, Joint: Approach span side of joint raised approximately 1 1/4", with the worst being on the Mississippi Bound lane and center line. Span 14, PP59, Joint seal and angle connection plate: Corroded and broken away from the connection areas, causing the joint seal and angles to have little to no effectiveness.							
311	Movable Bearing	EA	36	12	16	8	0
1000	Corrosion	EA	24	0	16	8	0
(311) 03/26/2024 - JRT							
West Abutment (Abutment 1), Span 1, Bearings 1-4: Corrosion with flaking rust. CS3 Pier 2, Bearings 1 & 4: Corrosion with flaking rust. CS3 Pier 2, Bearings 2 & 3: Corrosion with freckled rust. CS2 Pier 3, Bearings 1-4: Corrosion with minor freckled rust. CS2 Pier 4, Bearings 1-4: Corrosion with freckled rust and light pitting. CS2 Pier 5, Bearings 1 & 2: Corrosion with freckled rust and light pitting. CS2 Pier 14, Bearings 1 & 2: Corrosion with light pitting and freckled rust. CS2 East Abutment (Abutment 2), Bearings 1 and 2: Corrosion with flaking rust and pack rust. CS3 Abutment 2, Bearings. Typical bearings at Abutment 1. Pier 20, Bearings: Slightly leaning back towards Pier 19.							



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Pier 9, Girder 1: Typical Girder to Steel Column bearing. Movable Bearings, Truss Spans: Minor corrosion with surface rust. CS2 corrosion.							
313	Fixed Bearing	EA	20	8	12	0	0
1000	Corrosion	EA	12	0	12	0	0
(313) Pier 1, Bearings 1-4: Corrosion with freckled rust. CS2 Pier 15, Bearings 1 and 2: Corrosion with flaking rust and packing rust. CS3 Piers 19 and 20, bearings 1 and 2: Corrosion with freckled rust and light pitting. CS2 Pier 7, bearing 1: has pack rust between the plates. Each bearing of this type has this defect. ?EA CS3 Pier 7, Steel Column Bearing 1. Typical steel Column bearing. Pier 2, Bearing 2: Typical Fixed Bearing in Multi-Girder Spans. Pier 1, Bearing 2. Fixed Bearings, Truss Spans: Minor corrosion with surface rust. CS2 corrosion.							
321	Reinforced Concrete Approach Slab	SF	2046	2031	12	3	0
1080	Delamination/Spall/Patched Area	SF	3	0	0	3	0
4000	Settlement	SF	12	0	12	0	0
(321) No noteworthy deficiencies at the time of this inspection							
331	Reinforced Concrete Bridge Railing	LF	10385	6865	3346	174	0
1080	Delamination/Spall/Patched Area	LF	15	0	0	15	0
1090	Exposed Rebar	LF	185	0	26	159	0
1130	Cracking (RC and Other)	LF	3320	0	3320	0	0
(331) Bridge Railing: Numerous areas of spalling with and without exposed reinforcing steel, as well as cracking throughout the bridge railing. Bridge Railing: Numerous areas of spalling with and without exposed reinforcing steel, as well as cracking throughout the bridge railing. PP68 - PP69, Bridge Railing, Right: Large spalling with exposed reinforcing steel. CS3 exposed reinforcing steel.							

Inspection Photos and Notes



03/26/2025

Elevation.



02/24/2025

Side view / elevation



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Typical deck, Truss Spans.



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Typical deck, Approach Spans.



Typical Floorbeam in Two-Girder system.



Typical Stringer in Two-Girder system.



Typical Truss Span Substructure Unit.



Pier 1.



Pier 19.



Typical Column with Web Wall Substructure Unit.



Typical Column Substructure Unit in Multi-Girder Section.



Pier 12, Left: impact damage.



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Typical Steel Column Substructure Unit.



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Pier 10.



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Pier 13, Ahead.



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Pier 15, Back: Cracking with efflorescence.



Pier 13 back, cracks with efflorescence, collision damage on the left side.



Inspection direction.



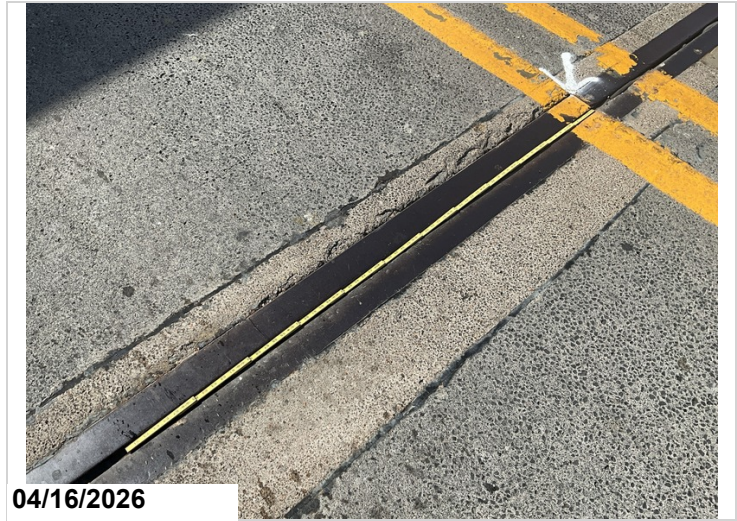
Deck washing could be used.



Abutment 1, Joint: Fingers closed due to rotation in abutment.



PP3: Joint loose in Arkansas bound lane 9'.



PP8, Joint: Cracked and loose for 56" on Mississippi bound lane.



Span 19, pin and hanger joint: trough torn full length of joint.
LF CS4



Span 14, PP59, Joint seal and angle connection plate:
Corroded and broken away from the connection areas,
causing the joint seal and angles to have little to no
effectiveness.



Span 8, Girder 2, Second Field Splice Plate.



Span 13, Truss 2, Inside of the Lower Chord, PP45, Back: Heavy Active corrosion with heavy flaking rust along top of Bottom Flange and inside webs. 10LF CS3 corrosion.



Approach Spans: Transverse cracking and abrasion.



Typical Truss Span Windlock/Pin and Hanger Assembly.



Typical Two-Girder Pin and Hanger Assembly.



Typical Upper Chord.



Typical Lower Chord.



Typical Truss Span Floorbeam.



NSTM Truss Overall View.



Typical NSTM Two-Girder.



Typical Gusset Plate.



Typical Two-Girder Floorbeam System.



Typical bridge railing.



Typical Transition.



Span 8: Typical cracking with efflorescence along the Two-Girder Spans.



Span 9, Right overhang: Typical cracking with efflorescence.



Span 10: Large amount of cracking with efflorescence.



Span 2: Typical cracking with efflorescence along the Multi-Girder Spans.



PP71 - PP74: 230SF of CS2 delam/patched areas and 5SF of CS3 exposed reinforcing steel.



PP68 - PP71: 180SF of CS2 delam/patched areas and 112SF of CS3 spalling and unsound patched areas, along with 3SF CS3 exposed reinforcing steel.



PP66 - PP68: 155SF of CS2 delam/patched areas and 61SF of CS3 spalling and unsound patched areas, along with 5SF of CS3 exposed reinforcing steel.



PP62 - PP66: 311SF of CS2 delam/patched areas and 90SF of CS3 spalling and unsound patched areas, along with 10SF CS3 of exposed reinforcing steel.



PP59 - PP62: 449SF of CS2 delam/patched areas and 111SF of CS3 spalling and unsound patched areas, along with 8SF of CS3 exposed reinforcing steel.



PP56 - PP59: 399SF of CS2 delam/patched areas and 67SF of CS3 spalling and unsound patched areas, along with 1SF of CS3 exposed reinforcing steel.



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PP53 - PP56: 346SF of CS2 delam/patched areas and 81SF of CS3 spalling and unsound patched areas, along with 4SF of CS3 exposed reinforcing steel.



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PP50 - PP53: 538SF of CS2 delam/patched areas and 110SF of CS3 spalling and unsound patched areas, along with 3SF of CS3 exposed reinforcing steel.



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PP46 - PP50: 507SF of CS2 delam/patched areas and 95SF of CS3 spalling and unsound patched areas, along with 4SF of CS3 exposed reinforcing steel.



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PP43 - PP46: 390SF of CS2 delam/patched areas and 46SF of CS3 spalling and unsound patched areas, along with 3SF of CS3 exposed reinforcing steel.



PP40 - PP43: 120SF of CS2 delam/patched areas and 41SF of CS3 spalling and unsound patched areas.



PP 38 - PP39: Large patch. 1176SF CS2 patched area.



PP36 - PP40: 195SF of CS2 delam/patched areas and 56SF of CS3 spalling and unsound patched areas.



PP32 - PP36: 514SF of CS2 delam/patched areas and 77SF of CS3 spalling and unsound patched areas.



PP28 - PP32: 195SF of CS2 delam/patched areas and 93SF of CS3 spalling and unsound patched areas, along with 1SF of CS3 exposed reinforcing steel.



PP25 - PP28: 352SF of CS2 delam/patched areas and 94SF of CS3 spalling and unsound patched areas, along with 2SF of CS3 exposed reinforcing steel.



PP22 - PP25: 183SF of CS2 delam/patched areas and 61SF of CS3 spalling and unsound patched areas, along with 6SF of CS3 exposed reinforcing steel.



PP18 - PP22: 342SF of CS2 delam/patched areas and 104SF of CS3 spalling and unsound patched areas.



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PP12 - PP15: 56SF of CS2 delam/patched areas and 28SF of CS3 spalling and unsound patched areas.



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Typical minor exposed reinforcing steel in bridge railing.



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PP6 - PP8: 365SF of CS2 delam/patched areas and 59SF of CS3 spalling and unsound patched areas.



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PP3 - PP6: 81SF of CS2 delam/patched areas and 38SF of CS3 spalling and unsound patched areas, along with 2SF of CS3 exposed reinforcing steel.



PP0 - PP3: 95SF of CS2 delam/patched areas and 21SF of CS3 spalling and unsound patched areas.



Typical spalling with exposed reinforcing steel along the undersurface.



Span 14, Ahead of Floorbeam 56, Left: Heavy spalling with exposed reinforcing steel with loss of bond.



Typical undersurface condition on main truss spans.



Typical floating deck.



Span 14, Ahead of Floorbeam 54, left overhang: Unbonded exposed reinforcing steel.



Typical overhang.



Span 12, Right Overhang, Between PP20 - PP21: Spalling with exposed reinforcing steel. CS3 Exposed reinforcing steel.



Span 11, Right Overhang, Near PP8: Large spalling, typical throughout the structure.



Span 11, Left Overhang: Typical condition of the undersurface of the deck.



Between panel points 6 and 7, moderate spall with exposed rebar, 2SF, CS3.



Span 20, Girder 2: Typical Field Splice Plate.



Span 1, Abutment 1, Girder 1, Left: Active corrosion with pack rust up to 1/2".



Span 1, Abutment 1, Girder 1, Left: Cantilever has distortion.



Typical Girder in Multi-Girder Spans.



Span 16, Girder 2, third splice: Corrosion with up to 1/8" section loss to lower web splice plate. 1 LF CS3.



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Span 16, Girder 1, Right, Adjacent to Floorbeam 0: Active corrosion with section loss up to 3/16". 2LF CS3 corrosion.



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Span 16, Girder 2, Left, Adjacent to Floorbeam 0: Active corrosion with section loss up to 3/16". 2LF CS3 corrosion.



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Span 16, Floorbeam 1, Ahead, Adjacent to Girder 2: Active corrosion with section loss up to 1/4" to the web and 7/16" to the Bottom Flange.



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Span 16, Girder 2, Right. Minor pack rust between bottom flange angle vertical leg and girder web. Typical this span.



Span 17, Girder 1, Last field splice plate: Active corrosion with pack rust between bottom flange and cover plate approximately 3/4". 2LF CS3 corrosion.



Span 18, Girder 2, ahead of second splice: corrosion with section loss up to 3/16". 1 LF CS3.



Span 18, Girder 2, ahead of cover plate: corrosion with up to 1/8" section loss. 1 LF CS3.



Span 19, Girder 2, Back end of cover plate back of Floorbeam 5: Corrosion with up to 3/16" section loss. 1 LF CS3.



Span 19, Floorbeam 3, Ahead, Right: pack rust and section loss to top connection angle to Girder 2. Hole in diaphragm adjacent to connection.



Span 19, Girder 1, ahead of Floorbeam 3. Corrosion with minor section loss to bottom flange angle. 2 LF CS3.



Span 19, Girder 2, Right, Floorbeam 7 cantilever: pack rust distorting lower cantilever web up to 1". Typ Floorbeam 6. 2 LF CS3



Span 19, Girder 2, 10' from Pier 19: Corrosion with section loss up to 1/4" to pier cover plate. 1 LF CS3.



Span 19, Girder 1, Left, Floorbeam 3: Distortion to top flange of cantilever that appears to be present during construction. Typical Girder 2, right, ahead of Floorbeam 4.



Span 19, Girder 1: typical pack rust and minor distortion to bottom flange cover plate. Typical Girder 2. Typical Span 18.



Span 20, Girder 1, Left, Floorbeam 3 cantilever: pack rust distorting lower cantilever web up to 7/8". 1 LF CS3



Span 20, Girder 1, Ahead of Fourth Field Splice Plate: Active corrosion with section loss up to 1/8" to the Bottom Flange.



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Span 20, Girder 2, Right, Ahead of Floorbeam 6: Rolling defect.



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Span 21, Girder 2, Bottom Flange, Ahead of Floorbeam 2:
Active corrosion with section loss up to 1/4". 1LF CS3 corrosion.



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Span 21, Girder 2, Right, Back of Floorbeam 4: Active corrosion with flaking rust along the Top Flange. 6LF CS3 corrosion.



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Span 7, Girder 2, Bottom Flange near Pier 7: Active corrosion with pack rust up to 3/4" between the bottom flange and the cover plate. 1LF CS3 corrosion.



Pier 7, Girder 2.



Span 8, Girder 2: Typical paint.



Pier 7, Girder 1.



Span 8, Girder 1: Active corrosion with pack rust between the Bottom Flange and cover plate, 40LF CS3 corrosion.



Span 8, Girder 1, adjacent to Floorbeam 5, Bottom Flange:
Active corrosion with pack rust up to 3/4" between the
Bottom Flange and cover plate.



Span 8, Girder 1, Third field splice plate: Active corrosion
with section loss up to 1/4" to the bottom flange and pack
rust. 1LF CS3 corrosion.



Span 8, Girder 2, Right, Ahead of Floorbeam 4: Active
corrosion with flaking rust along the Top Flange. 10LF CS3
corrosion.



Span 8, Girder 2, Third Field Splice Plate.



Pier 8, Girder 2, Right: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion.



Pier 8, Girder 1, Left: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion.



Span 9, Girder 1, Left, back of Floorbeam 3: Active corrosion with pack rust along the Top Flange. 3LF CS3 corrosion.



Typical Field Splice Plate in Two-Girder system.



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Span 9, Girder 1, Left, Fourth field splice plate: Active corrosion with section loss up to 1/8" and pack rust up to 3/8". 1LF CS3 corrosion.



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Span 9, Girder 1, Left, Floorbeam 6: Active corrosion with pack rust up to 1". 1LF CS3 corrosion.



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Span 9, Girder 1, Left, Ahead of Floorbeam 5: Active corrosion with pack rust up to 3/8" between the Top Flange of the Girder and the deck. 1LF CS3 corrosion.



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Span 9, Girder 1, Left, Ahead of Floorbeam 4: Active corrosion with flaking rust along the top flange. 4LF CS3 corrosion.



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Span 9, Girder 1, Third Field Splice Plate: Active corrosion with section loss up to 5/16" to the Bottom Flange and pack rust up to 1/2". 1LF CS3 corrosion.



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Span 9, Girder 1, third Field Splice Plate: Active corrosion with crevice corrosion at Bottom Flange connection. 1LF CS3 corrosion.



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Span 9, Girder 1, Bottom Flange cover plate ahead of Floorbeam 6: Active corrosion with section loss to the Bottom Flange up to 3/16" and pack rust up to 1/2".



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Span 9, Girder 2, Left: Typical flaking paint.



Span 9, Girder 2, Right, Back of Floorbeam 4: Active corrosion with flaking rust along the top flange. 6LF CS3 corrosion.



Pier 9, Girder 1, Left: Active corrosion with pack rust up to 1/4" between the bearing stiffener angle plates. CS3 corrosion.



Pier 9, Girder 2, Right: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion.



Typical Girder in Two-Girder system.



Span 10, Girder 2, Ahead of Floorbeam 4: Minor Active corrosion with crevice rust at the Field Splice Plate.



Span 10, Girder 2, Left, Top flange: Typical minor corrosion where deck haunch has spalled. CS2 corrosion.



Span 10, Floorbeam 7, Adjacent to Girders 1 and 2: Active corrosion with pack rust and section loss up to 1/8" to the Floorbeam web near Girder connection.



Span 10, Girder 1, Right, Adjacent to Floorbeam 7: Active corrosion with section loss up to 1/4" to the web. 2LF CS3 corrosion.



Typical undersurface of Two-Girder spans.



Span 2, Girder 2, Adjacent to Floorbeam 3: Deck haunch has spalled, causing the Top Flange of the Girder to be exposed while having surface corrosion. Typical throughout the Two-Girder Spans. CS2 corrosion.



Pier 6, girder 1, pack rust between stiffener angles breaking welds. Typical



Span 5, Girder 2, Bottom Flange, adjacent to the Second Splice Plate: Section loss scars up to 1/8". 1LF CS3 corrosion.



Span 4, girder 1, pack rust between the bottom flange, 25LF, CS3.



Pier 3, girder 4, pack rust between angles below cantilever, 1LF, CS3. Typical over piers.



Span 3, girder 4, pack rust between splice plate and bottom flange. 3LF, CS3.



Span 2, Girder 4, Back of Pier 2: Active corrosion with pack rust between the bottom flange and the cover plate. 8LF CS3 corrosion.



Span 2 girder 4, splice near pier 2, 1/8" section loss and pack rust, 1LF, CS3.



Span 2 , girder 2, typical minor corrosion.



Span 2, girder 1, cantilever member 1, cut in top flange.



Span 2, girder 4 right, cantilever member, arrested crack in top flange, typical.



Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 1: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.



Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 2: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.



Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 1: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.



Span 14, Last deck joist before Floorbeam 62, Stringer 1: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.



Span 14, Last deck joist before Floorbeam 62: Hole in Bottom Flange at stringer 1.



Span 14, Last deck joist before Floorbeam 62: Active corrosion with a 22" X 1 1/2" Hole in the web along the top web juncture. 2LF CS4 corrosion.



Last deck joist before PP59.



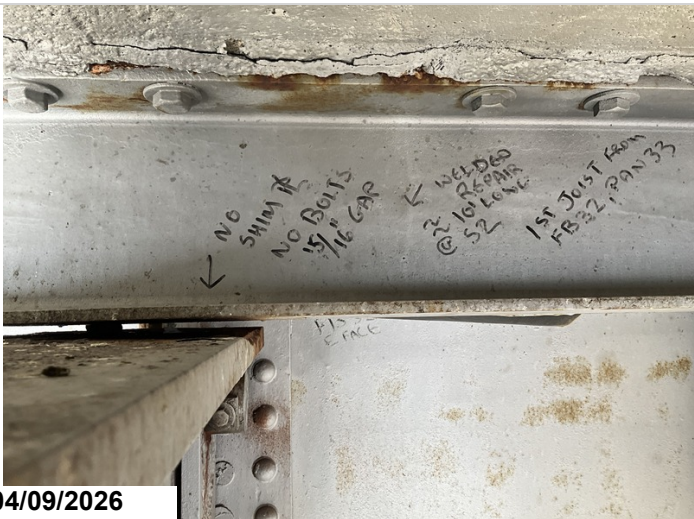
Span 14, Last deck joist before PP59, Stringer 2: Active corrosion with pack rust, causing a fracture in the bottom flange of the deck joist on both the ahead and back side, making a "Half-Moon" shape around the stringer connection bolts. 1LF CS3 crack.



Typical condition of Deck Joist.



Span 14, Floorbeam 53, Stringer 2, Ahead, Deck joist: 2 3/4" X 1" hole and severe section loss with knife's edge section remaining.
2" X 1" hole on Right side of Stringer 2.



Span 13, first joist ahead of floor beam 32 at stringer 2, bolts and shim plate missing.



Span 13, panel point 32, first deck joist ahead of floor beam, 2" hole in bottom flange of floor joist.



Span 12, Deck Joist, Back of Floorbeam 22, above Stringer 2: Active corrosion with a 2 1/2" X 1" Hole in the bottom flange of the Deck Joist. 1LF CS4 corrosion.



Span 12, Deck Joist, Back of Floorbeam 22, above Stringer 3: Active corrosion with a 1 1/2" X 1/2" Hole in the bottom flange of the Deck Joist. 1LF CS4 corrosion.



Span 12, floor beam 18, stringer 1, deck joists causing 1, hole in bottom flange above stringer. Move to Deck joist.



Typical Deck Joist.



Span 11, Deck Joist, Floorbeam 8, Back, Adjacent to Stringer 1: Active corrosion with a 16" X 2 1/2" Holes in the deck joist, causing distortion at Stringer 1. 2LF CS4 corrosion.



Span 11, Deck Joist, Floorbeam 8, Back, Adjacent to Stringer 1: Active corrosion with a 16" X 2 1/2" Holes in the deck joist, causing distortion at Stringer 1. 2LF CS4 corrosion.



Span 11, Two Deck Joist back from Floorbeam 6: Sheared bolt. 1LF CS3 connection.



Span 11, Deck Joist, Floorbeam 3, Back, Adjacent to Stringer 2: Deck joist is floating, no bolts in place. 1LF CS3 connection.



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Span 11, Deck Joist to Stringer 3 connection: Typical active corrosion with pack rust. CS3 corrosion.



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Span 11, Deck Joist, Adjacent to Stringer 1: Typical active corrosion with flaking rust and section loss to the deck joist. 3LF CS3 corrosion.



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Span 9, Stringers: Flaking paint, typical throughout the structure.



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Span 10, Stringer 1: Typical Active corrosion with surface rust. 325LF CS2 corrosion throughout the structure.



Span 13, Stringer 1, between PP41 and 42: Rolling defect.



Span 14, Stringer 2, Floorbeam 43, Back: One sheared rivet head. 1LF CS3 connection.



Span 13, Stringer 2 to last Deck Joist connection before Floorbeam 36: Bolts put in place by inspection personnel.



Span 13, Stringer 2 to last Deck Joist connection before Floorbeam 40: Bolt put in place by inspection personnel.



Span 13, Stringer 3, Floorbeam 46, Ahead: One sheared rivet heads. 1LF CS3 connection.



Span 13, Stringer 1, Floorbeam 46, Ahead: Two sheared rivet heads. 1LF CS3 connection.



Span 13, Stringer 1, Right, Adjacent to Floorbeam 48: Rolling defect.



Span 13, Stringer 3, Right, between Floorbeams 46 and 47: Rolling defect.



Span 15, Stringer 1, Floorbeam 69: Active corrosion with section loss up to 1/8" to the stringer web. 1LF CS3 corrosion.



Span 15, Stringer 1, Floorbeam 69: Two missing rivets and one sheared rivet head. 1LF CS3 connection.



Span 15, Stringer 1, Floorbeam 68, Back, Kicker plate: 2" crack in weld in stringer kicker plate. 1LF CS3 crack.



Span 15, Stringer 1, Floorbeam 68, Back, Kicker plate: 2" crack in weld in stringer kicker plate. 1LF CS3 crack.



Span 15, Stringer 2, Floorbeam 68, Back, Kicker plate: 1 3/4" crack in weld in stringer kicker plate. 1LF CS3 crack.



Span 15, Stringer 2, Floorbeam 68, Back, Kicker plate: 1 3/4" crack in weld in stringer kicker plate. 1LF CS3 crack.



Span 15, Stringer 2, Right, Bottom Flange, Ahead of Floorbeam 67: Active corrosion with section loss up to 3/8" to the Bottom Flange. 1LF CS3 corrosion.



Span 15, Stringers 1 - 3, Ahead of Floorbeam 66: Active corrosion with section loss to Top Flange approximately 3/8". 3LF CS3 corrosion.



Span 15, Stringers 1 and 2, Floorbeam 66: Sheared rivet head. 2LF CS3 connection.



Span 14, Stringer 1, Floorbeam 62: Missing bolt. 1LF CS3 connection.



Span 14, Stringer 2, Back of Floorbeam 62: Active corrosion with pack rust up to 1" between stringer and deck joist. 1LF CS3 corrosion.



Span 14, Stringer 3 to Deck joist connection, Floorbeam 62: 1/4" section loss to Top Flange of stringer and 1" pack rust. 1LF CS3 corrosion.



Span 14, Stringer 1, Floorbeam 61: Missing and sheared rivets. 1LF CS3 connection.



Span 14, Stringer 1, Back of PP59: Top Flange twisted 5/16 - 3/8" per width of Top Flange (1'), towards stringer 2. 5LF CS2 distortion.



Span 14, Stringer 1, Back of PP59: Top Flange twisted 5/16 - 3/8" per width of Top Flange (1'), towards stringer 2. 5LF CS2 distortion.



Span 14, Stringer 3, Back of PP59: Top Flange twisted 5/16" per width of Top Flange (1'), towards stringer 2. 5LF CS2 distortion.



Span 14, Stringer 3, Back of PP59: Top Flange twisted 5/16" per width of Top Flange (1'), towards stringer 2. 5LF CS2 distortion.



Span 14, Stringer 3, Between PP58 and 59: Mill scale along the web.



Span 14, Stringer 3, Floorbeam 57: Sheared rivet head. 1LF CS3 connection.



Span 14, Stringers 1 - 3, Ahead of Floorbeam 56, Stringers 1 - 3: Active corrosion with section loss up to 1/2" at the first deck joist connection. 3LF CS3 corrosion.



Span 14, Stringer 2, Floorbeam 55: Sheared rivet head. 1LF CS3 corrosion.



Span 14, Stringer 1, Floorbeam 53, Ahead: 1/2" section loss to the Top Flange, heavy section loss to deck joist. 1LF CS3 corrosion.



Span 14, Ahead of Floorbeam 53, Pin and Hanger Assemblies: Active corrosion with flaking rust along hanger bars and pack rust between the hanger and stringer web plates. Section loss up to 1/8" to pin connection to the Floorbeam. 2LF CS3 corrosion.



Span 14, Stringer 1, Floorbeam 52: Missing rivets. 1LF CS3 connection.



Typical stringer.



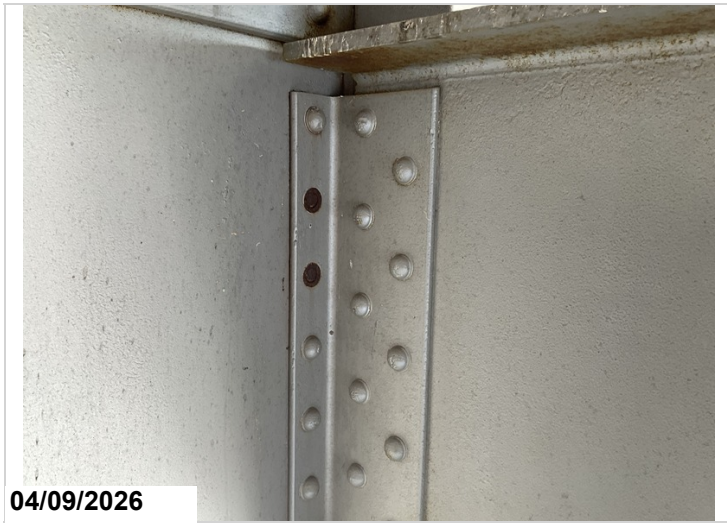
Span 14, Stringer 1, Floorbeam 51: Missing rivet. 1LF CS3 connection.



Span 14, Stringers 2 and 3, Floorbeam 50, Back: Active corrosion with section loss up to 1/2" to the top flange. 2LF CS3 corrosion.



Span 14, Stringer 1, Floorbeam 50, Back: One sheared rivet head. 1LF CS3 connection.



Span 14, Stringer 1, Floorbeam 48, Ahead: Tow sheared rivet heads. 1LF CS3 connection.



Span 15, Stringer 3, Floorbeam 71: Active corrosion with section loss up to 1/8" to the built-up stringer web plate. 1LF CS3 corrosion.



Span 15, Stringer 3, Floorbeam 71: Active corrosion with section loss up to 3/16" to the built-up stringer web plate. 1LF CS3 corrosion.



Span 15, Stringer 2, Floorbeam 71: Active corrosion with section loss up to 1/8" to the built-up stringer web plate. 1LF CS3 corrosion.



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Span 15, Stringers 1 and 2, Floorbeam 71, Ahead: Active corrosion with pack rust up to 3/4" between the stringer and deck joist. 2LF CS3 corrosion.



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Span 15, Stringers 1 - 3, at Floorbeam 71, Pin and Hanger Assembly: Pack rust between hanger bar and stringer web. 3LF CS3 corrosion.



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Span 15, Stringer 1, Floorbeam 71: Cracked weld in stringer kicker plate. 1LF CS3 crack.



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Span 15, Floorbeam 74, stringer 1, 3/4" gap between top flange of stringer and deck joist, 1 broken rivet



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Span 15, Floorbeam 74, stringer 2, 1/4" gap between top flange of stringer and deck joist, 1 broken rivet



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Span 15, Stringer 1, Floorbeam 73: Active corrosion with pack rust up to 3/8" at the angle connection plate. 1LF CS3 corrosion.



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Span 7, floor beam 7 ahead, stringer 2, 1 1/2" x 1" hole in bottom flange, 5/16" section loss ahead of bearing, 1LF, CS3. Move to approach stringer



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Span 13, floor beam 40 back, stringer 2, joist to stringer bolts broken. Shim plate loose, 25% section loss to the top flange. 1LF, CS3.



Span 13, Stringer 2, Floorbeam 41, Ahead: Sheared rivet head, one on the back side as well. 1LF CS3 connection.



Span 13, Stringer 3, Floorbeam 41, Back: One missing bolt. 1LF CS3 connection.



Span 13, Stringer 3, Floorbeam 42, Back: Active corrosion with pack rust between the stringer and angle connection plate. 1LF CS3 corrosion.



Span 13, Stringer 2, Floorbeam 40, Ahead: One sheared rivet head. 1LF CS3 connection.



Span 13, Stringer 2, Floorbeam 40, Ahead: Deep pitting to the web and bottom flange. 3LF CS3 corrosion.



Span 13, floor beam 40 back, stringer 2, broken and missing bolts at the last floor joist stringer connection. 1LF, CS3.



Span 13, Stringer 3, Floorbeam 37, Ahead: Missing bolt. 1LF CS3 connection.



Span 13, Stringer 1, Floorbeam 37, Ahead: One sheared rivet head. 1LF CS3 connection.



Span 13, Stringer 1, Floorbeam 36, Ahead: One sheared rivet head. 1LF CS3 connection.



Span 13, Stringer 2, Floorbeam 36, Ahead: Three total sheared rivet heads. 1LF CS3 connection.



Span 13, Stringer 2, Floorbeam 36, Ahead: One sheared rivet head. 1LF CS3 connection.



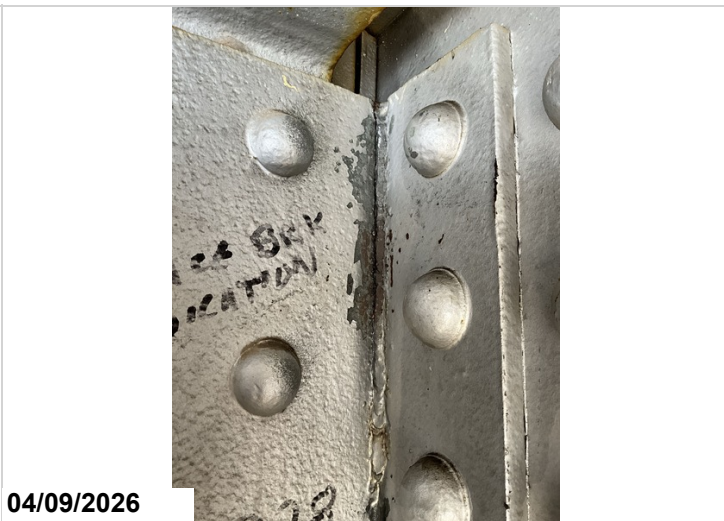
Span 13, floor beam 36 back, stringer 2, broken bolts on the stringer deck joist connection. 1LF, CS3.



Span 13, floor beam 32 ahead, stringer 2 left, pitting in hanger up to 1/4". 1EA, CS3.



Span 12, Stringer 2 to Floorbeam 28 Connection, Ahead: 11" crack in the welded connection. 1LF CS3 crack.



Span 12, Stringer 2 to Floorbeam 28 Connection, Ahead: 11" crack in the welded connection. 1LF CS3 crack.



Span 12, Stringer 2, Floorbeam 28, Back: One sheared rivet head. 1LF CS3 connection.



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Span 12, panel point 25 back, stringer 2, missing bolt on last deck joist.



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Span 12 ahead, floor beam 24, stringer 3, cut in the web/top flange at the end of the stringer. Typical to stringer 1.



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Span 12, Stringer 3, Left, Floorbeam 22, Back: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.



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Span 12 between floor beams 17 and 18, stringer 2, 1 missing and 1 loose bolt on deck joist 3, 2 missing bolts on deck joists 4.



Span 12, Stringer 3, Floorbeam 18, Ahead: Two sheared rivet heads. 1LF CS3 connection.



Span 12, Stringer 1, Floorbeam 18, Ahead: One sheared rivet head. 1LF CS3 connection.



Span 12, floor beam 15 back, stringer 2, section loss to the hangers on both sides, 1EA, CS3.



Span 12, Stringer 2, Floorbeam 15, Ahead: One sheared rivet head. 1LF CS3 connection.



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Span 12, Stringer 1, Floorbeam 12, Back: Active corrosion with pack rust between the stringer and the hanger bar. 1LF CS3 corrosion.



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Span 12, Stringer 2, Floorbeam 15, Back: Active corrosion with section loss up to 1/4" to the top flange with pack rust between the stringer and the deck joist. 1LF CS3 corrosion.



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Span 12, floor beam 12 ahead, 3/16" section loss to the web at the stringer connection, 1LF, CS3. Pack rust between the stringer and deck joists causing with the bottom flange of the deck joist down to a knife's edge.. 1LF, CS3.



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Span 12, Stringer 1, Left, Floorbeam 12, Back: 4 1/2" crack in the left floor beam to stringer connection angle, 2 missing rivets. 1LF CS3 crack.



Span 12, Stringer 2, Floorbeam 12, Back: Two sheared rivet heads. 1LF CS3 connection.



Span 12, Stringer 3, Floorbeam 12, Back: Three sheared rivet heads. 1LF CS3 connection.



Span 11, Stringer 1, Floorbeam 8, Back: Active corrosion with pack rust between the stringer web and the hanger bar. 1LF CS3 corrosion.



Span 11, Stringer 3, Floorbeam 6, Back: Active corrosion with pack rust between the stringer and the angle connection to the floorbeam. 1LF CS3 corrosion.



Span 11, Stringer 3, Floorbeam 7, Back: Sheared bolt. 1LF CS3 connection.



Span 11, Stringer 3, Floorbeam 7, Ahead: Distortion along the bottom flange. 25LF CS2 distortion.



Span 11, Stringer 1, Floorbeam 6, Back: Missing bolt at the stringer to deck joist connection, along with active corrosion with flaking rust along the top flange. 1LF CS3 corrosion.



Span 11, Stringer 2, Floorbeam 6, Back: Missing bolt at the stringer to deck joist connection, along with active corrosion with flaking rust along the top flange. 1LF CS3 corrosion.



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Span 11, Stringer 2, Floorbeam 6, Back: Missing bolt at the stringer to deck joist connection, along with active corrosion with flaking rust along the top flange. 1LF CS3 corrosion.



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Span 11, Stringer 1, Pin and Hanger Assembly, Floorbeam 3: Active corrosion with pitting the the hanger bar. 1EA CS3 corrosion.



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Span 11, Stringer 3, Floorbeam 2, Back: Missing Rivet. 1LF CS3 connection.



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Span 14, Truss 2, PP52, Upper Chord to lateral bracing connection: Connection angle at Upper Chord has a crack in the bend of the angle, approximately 1/4" long. Does not appear to be a working crack. 1LF CS3 crack.



Span 14, Truss 2, PP52, Upper Chord to lateral bracing connection: Connection angle at Upper Chord has a crack in the bend of the angle, approximately 1/4" long. Does not appear to be a working crack. 1LF CS3 crack.



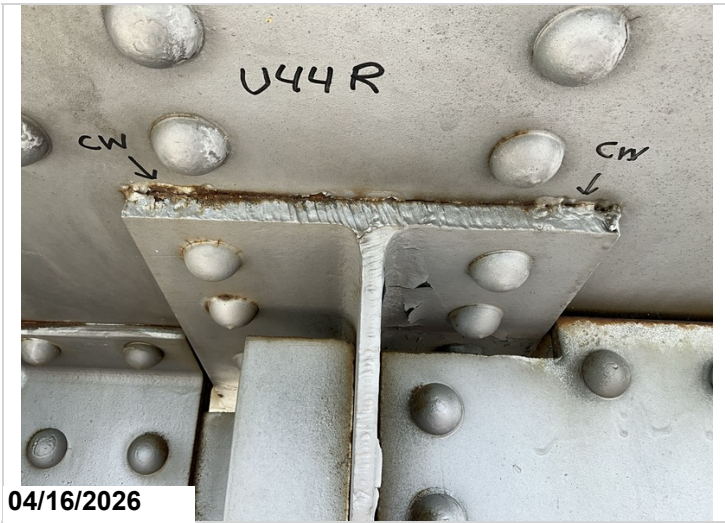
Span 14, Truss 2, PP52, Upper Chord to lateral bracing connection: Connection angle at Upper Chord has a crack in the bend of the angle, approximately 1/4" long. Does not appear to be a working crack. 1LF CS3 crack.



Span 14, Truss 2, L48 - U50: Active corrosion with surface rust.



Span 13, Truss 2, PP45, Upper Chord to vertical connection: Connection angle at Upper Chord has a crack in the bend of the angle, approximately 1/4" long. Does not appear to be a working crack. 1LF CS3 crack.



Span 13, Truss 2, PP 44, Upper Chord to Vertical connection gusset: 2 Cracked tack welds, self arrested. 1LF CS2 crack.



Span 13, Truss 2, L41, Top Flange, Back of Vertical: Active corrosion with holes in the top flange in a 5' area, with a total of 6' containing section loss. 1LF CS3 corrosion and 5LF CS4 corrosion.



Span 13, Truss 2, PP 39, Left: Typical minor corrosion along the Upper Chord.



Span 13, Truss 2, PP 34: Connection angle at Upper Chord has a crack in the band of the angle, approximately 1/4" - 1/2" long. Does not appear to be a working crack. 1LF CS3 crack.



Span 12, Truss 2, PP 25, Left: Windlock.



Span 12, Truss 2, PP 25, Right: Windlock.



Span 12, Truss 2, PP23, Upper Chord, Right: Minor Active corrosion with pack rust at the Upper Chord the Gusset Plate connection. 1LF CS3 corrosion.



Typical lateral bracing.



Span 12, Truss 2, Ahead of PP 15: Typical condition of the inside of Upper Chord.



Span 12, Truss 2, PP15, Bottom later Gusset Plate near top pin: Active corrosion with holes. 1LF CS3 corrosion.



Typical lateral portal bracing.



Span 11, Truss 2, Upper Chord, PP8: Active corrosion with a hole in the bottom lateral Gusset Plate. 1LF CS3 corrosion.



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Span 11, Truss 2, Upper Chord, PP6, Left: 3/8" crack in tack weld on the Top Flange. 1LF CS2 crack.



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Span 11, Truss 2, Upper Chord, PP6, Left: 3/8" crack in tack weld on the Top Flange. 1LF CS2 crack.



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Span 11, Truss 2, PP6, Upper Chord, vertical to Upper Chord connection: Ground tack welds.



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Typical diagonal.



Typical vertical.



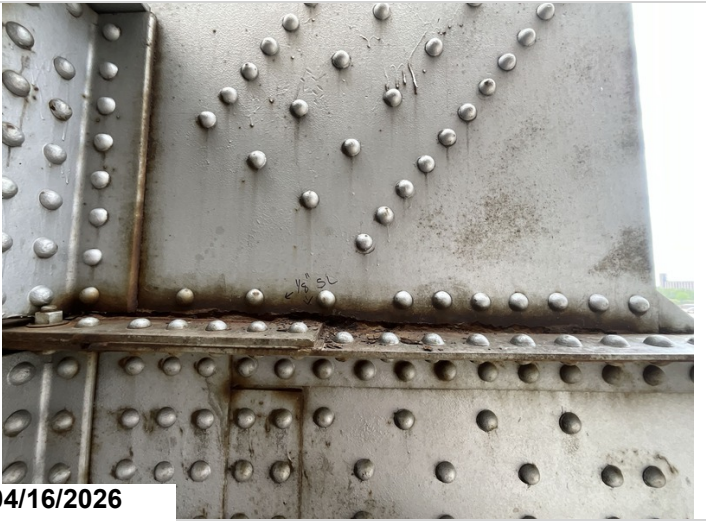
Span 10, Truss 2, Upper Chord, PP3 - 4: Typical surface corrosion.



Span 13, Truss 1, Top Flange, PP42, Back, Top Flange to Right Web connection: Active corrosion with pack rust from, causing distortion in Top Flange. 15LF CS2 distortion.



Span 13, Truss 1, Inside of the Lower Chord, PP42, Back: Active corrosion with laminated rust build up. 7LF CS3 corrosion.



Span 13, Truss 2, PP42, Lower Chord: Active corrosion with section loss up to 1/8" to the Gusset Plate.



Span 13, Truss 2, Top Flange, PP42, Back, Top Flange to left Web connection: Active corrosion with pack rust from 3/4" to 1", causing distortion in Top Flange. 20LF CS2 distortion.



Span 13, Truss 2, Top Flange, PP42, Back, Top Flange to left Web connection: Active corrosion with pack rust from 3/4" to 1", causing distortion in Top Flange. 20LF CS2 distortion.



Span 13, Truss 2, Top Flange, PP42, Back, Top Flange to left Web connection: Active corrosion with pack rust from 3/4" to 1", causing distortion in Top Flange. 20LF CS2 distortion.



Span 13, Truss 2, Top Flange, PP42, Back, Top Flange to left Web connection: Active corrosion with pack rust, causing distortion in Top Flange. 20LF CS2 distortion.



Span 13: Typical lateral bracing connection condition.



Span 13, Truss 1, Inside of the lower chord, PP42, Ahead: Active corrosion with section loss up to 5/16" to bottom of Top Flange and webs. 10LF CS3 corrosion.



Span 13, Truss 1, PP42: Lower Chord to Floorbeam connection.



Span 13, Truss 1, Lower Chord to Bottom lateral Gusset Plate connection, PP43, Back: 1/2" crack in tack weld. 1LF CS3 crack.



Span 13, Truss 1, Lower Chord to Bottom lateral Gusset Plate connection, PP43, Back: 1/2" crack in tack weld. 1LF CS3 crack.



Span 13, Truss 2, inside of the Lower Chord, PP44, Back: Active corrosion with laminated rust build up along the webs. 8LF CS3 corrosion.



Span 13, Truss 2, Inside of Lower Chord: Active corrosion with section loss up to 1/4" to the Top Flange. 10LF CS3 corrosion.



Span 13, Truss 2, Lower Chord, PP44, Ahead: Active corrosion with pack rust up to 1/8" at the bottom flange to bottom lateral gusset plate connection. 1LF CS3 corrosion.



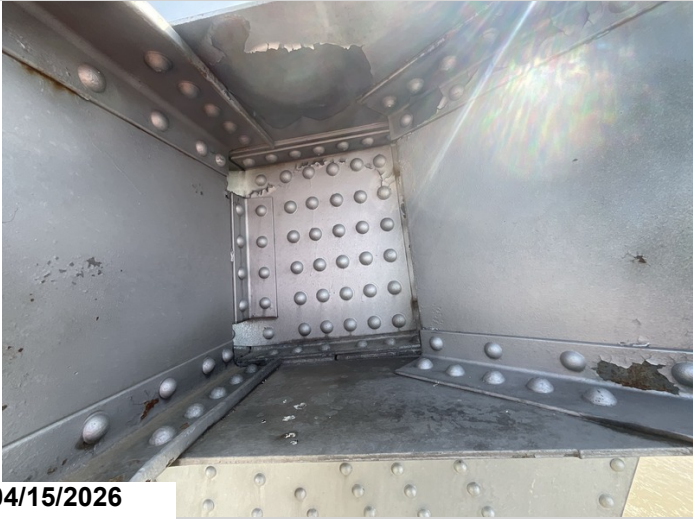
Typical verticals



Typical diagonal



Span 15, Truss 2, PP68, Upper Chord Connection Plate:
Cracked tack weld, self arrested. 1LF CS2 crack.



Typical condition of upper lateral bracing



Span 15, Truss 2, PP70, Upper Chord to Lateral Bracing
Connection Plate: 1/2" crack in the connection plate. 1LF
CS3 crack.



Span 15, Truss 2, PP70, Upper Chord to Lateral Bracing
Connection Plate: 1/2" crack in the connection plate. 1LF
CS3 crack.



Span 13, Truss 1, PP37, Upper Chord Connection Plate:
Active corrosion with section loss up to 1/8". 1LF CS3
corrosion.



Typical condition of inside of upper chord



Span 13, Truss 1, PP35: Typical condition of the inside of the upper chord.



Span 12, PP15, Upper Lateral Bracing: Active corrosion with a hole, can not measure due to being over traffic.



Can't reach due to equipment



Span 11, Truss 1, PP7, Upper Chord to lateral bracing connection: Connection angle at Upper Chord has a crack in the bend of the angle, approximately 1/2" long. Does not appear to be a working crack. 1LF CS3 crack.



Span 11, PP5.



Span 11, PP3, Lateral Bracing: Surface corrosion with flaking paint.



Top of Truss View.



Span 13, Truss 2, Inside of the Lower Chord, PP46, Ahead: Inside webs has heavy Active corrosion with flaking rust and section loss ranging from 3/8 to 7/16" for 4'. 15LF CS3 corrosion.



Span 13, Truss 2, Inside of the Lower Chord, PP46, Ahead: Inside webs has heavy Active corrosion with flaking rust and section loss ranging from 3/8 to 7/16" for 4'. 15LF CS3 corrosion.



Span 13, Truss 2, Inside of the Lower Chord, PP46, Back: Right inside web has heavy Active corrosion with flaking rust and section loss ranging from 3/8 to 7/16" for 4'. 8LF CS3 corrosion.



Span 13, Truss 2, Inside of the Lower Chord, PP46, Back: Right inside web has heavy Active corrosion with flaking rust and section loss ranging from 3/8 to 7/16" for 4'. 8LF CS3 corrosion.



Span 13, Truss 2, Lower Chord, PP45, Ahead: Active corrosion with section loss up to 1/8" and pack rust up to 3/8" at the bottom flange to bottom lateral gusset plate connection. 1LF CS3 corrosion.



Span 13, Truss 1, PP45: Typical corrosion at Vertical only connections.



Span 13, Truss 2, Gusset Plate Lower Chord, PP44: Active corrosion with section loss up to 3/16" to the Gusset Plate.



Span 13, Truss 2, Inside of the Lower Chord, PP48, Back: Heavy Active corrosion with heavy flaking rust along top of Bottom Flange and inside webs. 12LF CS3 corrosion.



Span 13, Truss 1, Lower Chord to Floorbeam connection:
Typical condition of connection at a Pier.



Span 13, Truss 1, Inside of the lower chord, PP47, Ahead:
Active corrosion with flaking rust and pack rust between the
top flange and the web plates. 14LF CS3 corrosion.



Span 15, Truss 2, Lower Chord, PP70, Ahead: Active
corrosion with pack rust up to 7/8" between Lower Chord
and lateral Gusset Plate. 1LF CS3 corrosion.



Span 15, Truss 2, Lower Chord to Floorbeam 70 connection:
Typical corrosion at Lower Chord to Floorbeam connections.



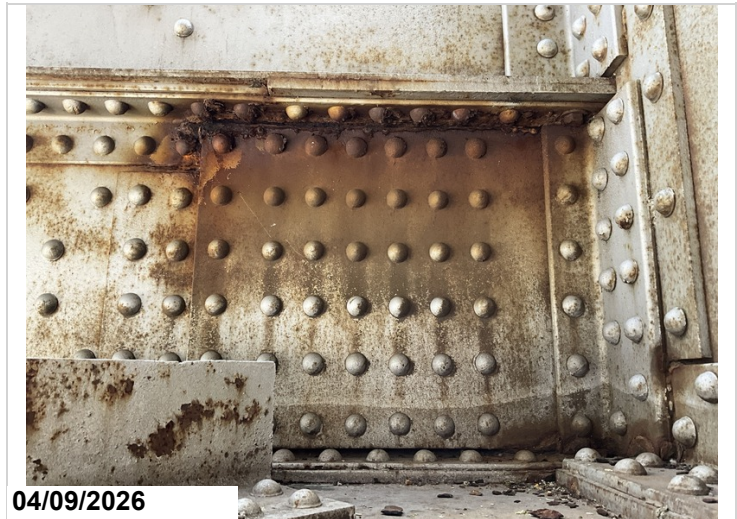
Span 15, Truss 1, Inside of Lower Chord, PP66, Back: Active corrosion with heavy section loss to rivets and the inside webs. 4LF CS3 corrosion.



Typical paint condition.



Span 14, Truss 1, Lower Chord, PP64, Back: Active corrosion with flaking rust along bottom of lateral Gusset Plate. 2LF CS3 corrosion.



Typical Floorbeam to Lower Chord connection. PP62.



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Span 14, Truss 2, Lower Chord, PP62, Back: Active corrosion with section loss up to 1/8" to the bottom flange at the bottom lateral gusset plate connection. 1LF CS3 corrosion.



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Span 14, Truss 2, Lower Chord, PP61 - 62, Left Top angle connection: Active corrosion with section loss up to 1/8". 2LF CS3 corrosion.



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Span 14, Truss 2, Lower Chord, Left, PP61, Back, Top flange to web Angle connection: Arrested crack in angle. 3LF CS2 crack.



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Span 14, Truss 2, Lower Chord, Left, PP61, Back, Top flange to web Angle connection: Arrested crack in angle. 3LF CS2 crack.



Span 14, Truss 2, Lower Chord, Left, PP61, Back, Top flange to web Angle connection: Arrested crack in angle. 3LF CS2 crack.



Span 14, Truss 2, Lower Chord, Left, PP61, Back, Top flange to web Angle connection: Arrested crack in angle. 3LF CS2 crack.



Span 14, Truss 2, Inside of the lower chord, PP60, Ahead: Active corrosion with flaking rust and section loss to the webs and the top flange. 12LF CS3 corrosion.



Span 14, Truss 2, Lower Chord, PP60, Ahead: Active corrosion with section loss up to 1/8" to the Bottom Flange at the bottom lateral gusset plate connection. 1LF CS3 corrosion.



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Span 14, Truss 1, Lower Chord, PP58, Ahead: Active corrosion with section loss up to 3/16" to the Bottom Flange of the Lower Chord and pack rust up to 5/8" between Bottom Flange of Lower Chord and lateral Gusset Plate. 1LF CS3 corrosion.



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Span 14, Truss 2, Lower Chord, PP58, Ahead: Active corrosion with section loss up to 3/16" to the Bottom Flange of the Lower Chord and pack rust up to 5/8" between Bottom Flange of Lower Chord and lateral Gusset Plate. 1LF CS3 corrosion.



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Typical crevice corrosion at the Lower Chord to Floorbeam connection.



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Lower Chord: Typical Active corrosion with pack rust between webs and flange angle connections.



Span 14, Truss 2, Lower Chord, Right, PP55, Ahead: Minor distortion along the bottom flange. 1LF CS2 Distortion.



Span 14, Truss 2, Lower Chord, Right, PP55, Ahead: Minor distortion along the bottom flange. 1LF CS2 Distortion.



Span 14, Truss 2, Lower Chord, Left, PP55, Ahead: Minor distortion along the bottom flange. 1LF CS2 Distortion.



Span 14, Truss 1, Lower Chord, PP55: Active corrosion with section loss up to 3/16" to the top flange adjacent to the vertical connection. 1LF CS3 corrosion.



Typical inside of Lower Chord.



Span 14, Truss 2, Lower Chord, PP55: Active corrosion with a 1/2" diameter hole in the Bottom Flange at the lateral Gusset Plate connection. 1LF CS4 corrosion.



Span 14, Truss 2, Lower Chord, PP52, Starting at first portal back of 52: Active corrosion with heavy section loss to Inside left web and 13 rivets. 10LF CS3 corrosion.



Typical Active corrosion with pack rust at the lateral Gusset Plate to lateral cross member connections.



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Span 14, Truss 1, Lower Chord, PP52, Back: Active corrosion with section loss up to 1/4". 9LF CS3 corrosion.



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Span 14, Truss 1, PP51, Vertical connection plate: Active corrosion with section loss up to 1/16". 1LF CS3 corrosion.



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Span 14, Truss 2, Lower Chord, PP50, Back: Active corrosion with flaking rust along inside of Lower Chord. 12LF CS3 corrosion.



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Span 14, Truss 2, Lower Chord, PP50, Back: Active corrosion with section loss up to 1/2" to the Bottom Flange at two portals. 5LF CS3 corrosion.



Span 14, Truss 1, Lower Chord, PP50, Back: Active corrosion with section loss up to 3/8" to the Bottom Flange at two portals. 8LF CS3 corrosion.



Span 14, Truss 1, Lower Chord, PP50, Back: Active corrosion with section loss up to 3/8" to the Bottom Flange at two portals. 8LF CS3 corrosion.



Span 14, Truss 1, Lower chord, PP49-50: Active corrosion with flaking rust and section loss to the rivet heads along the web near the top flange. 4LF CS3 corrosion.



Span 14, Truss 1, Inside of the lower Chord, PP48 - PP49: Active corrosion with flaking rust to the flanges and the webs. 8LF CS3 corrosion.



Span 15, Truss 1 and 2, Lower Chord, PP71 - PP72: Active corrosion with section loss up to 1/8" to the webs near the bottom flange. 4LF CS3 corrosion.



Span 15, Truss 1, Lower Chord to Vertical connection: Typical minor pack rust at the riveted connection. CS3 corrosion.



Span 15, Truss 1, Lower Chord, PP73 - 74: Active corrosion with flaking rust and section loss to inside webs and rivets. 4LF CS3 corrosion.



Span 15, Truss 1, Lower Chord, PP74, Back: Active corrosion with section loss up to 1/4" to the top flange. 1LF CS3 corrosion.



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Span 15, Truss 1, Lower Chord, PP73: Active corrosion with section loss up to 1/16" to the bottom flange at the bottom lateral gusset plate connection. 1LF CS3 corrosion.



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Span 15, Truss 2, PP73, Lower Chord to Floorbeam connection: Active corrosion with section loss to connection members. 1LF CS3 corrosion.



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Span 15, Truss 2, PP72, Lower Chord to Floorbeam connection: Active corrosion with section loss to connection members. 2LF CS3 corrosion.



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Span 15, Truss 2, Lower Chord, PP72, Back: Active corrosion with flaking rust and section loss up to 1/8" to the inside webs. 6LF CS3 corrosion.



Span 15, Truss 2, Lower Chord , PP72: Active corrosion with pack rust up to 5/16 and section loss up to 1/16" to the bottom flange at the bottom lateral gusset plate connection. 1LF CS3 corrosion.



Span 15, Truss 2, Lower Chord, Between PP72 and 73: Active corrosion with flaking rust and section loss up to 3/16" to the inside webs. 12LF CS3 corrosion.



Span 13, Truss 2, Lower Chord, PP41: Active corrosion pack rust and section loss up to 1/8" to the bottom flange at the bottom lateral gusset plate connection. 1LF CS3 corrosion.



Span 13, right lower chord back of panel point 41, holes in top plate, 4 feet total in length. 4LF, CS3.



Span 13, right lower chord back of panel point 41, holes in top plate, 4 feet total in length. 4LF, CS3.



Span 13, Truss 2, Inside of the lower chord, PP42, Back: Active corrosion with section loss up to 5/16" to the web. 12LF CS3 corrosion.



Span 13, Truss 1, Inside of the lower chord, PP38, Back: Active corrosion with section loss up to 5/16" to the web. 8LF CS3 corrosion.



Span 13, Truss 2, Inside of the lower chord, Second Portal hole ahead of PP38: Active corrosion with section loss approximately up to 1/2" along with a 1/4" diameter hole in the bottom flange. 12LF CS3 corrosion.



Span 13, Truss 1, Inside of the lower chord, PP36, Ahead:
Active corrosion with section loss and flaking rust along the web. 10LF CS3 corrosion.



Span 13, Truss 2, Inside of the lower chord, PP38, Back:
Active corrosion with laminated rust build up along the web and corroded rivet heads. 6LF CS3 corrosion.



Span 13, Truss 2, Lower Chord, PP36: Active corrosion with
crevice corrosion along the floorbeam connection plates.
1LF CS3 corrosion.



Span 13, Truss 2, Inside of the lower chord, PP36, Back:
Active corrosion with flaking rust and section loss to the rivet
heads along the bottom flange and webs. 12LF CS3
corrosion.



Span 13, Truss 2, Lower Chord, PP35: Active corrosion with section loss up to 1/8" to the bottom flange at the bottom lateral gusset plate connection. 1LF CS3 corrosion.



Span 13, Truss 2, Lower Chord, PP34, Left: Active corrosion with crevice corrosion along the built up members adjacent to the floorbeam connection. 1LF CS3 corrosion.



Span 13, Truss 2, Lower Chord, PP32, Back: Active corrosion with section loss up to 1/4" to the web along with severe section loss to the rivet heads. 6LF CS3 corrosion.



Span 13, Truss 2, Inside of the lower chord, PP32: Active corrosion with section loss up to 3/16" adjacent to the angle connection plates along the top flange. 4LF CS3 corrosion.



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Span 12, Truss 2, Lower Chord, Left: Active corrosion with pack rust between the web and the built up web plate along the lower chord, causing minor distortion. 20LF CS3 corrosion.



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Span 12, Truss 1, Inside of the lower chord, PP28, Ahead: Active corrosion with laminating rust and section loss up to 1/8" to the web. 15LF CS3 corrosion.



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Span 12, Truss 2, Lower Chord, PP27: Active corrosion with pack rust up to 1/2" between the bottom flange and the bottom lateral gusset plate. 1LF CS3 corrosion.

Span 12, Truss 1, Lower Chord, PP27: Active corrosion with pack rust up to 1/2" between the bottom flange and the bottom lateral gusset plate. 1LF CS3 corrosion.



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Span 12, Truss 1, Inside of Lower Chord, PP26, Ahead: Active corrosion with section loss to the webs of the lower chord. 12LF CS3 corrosion.



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Span 12, Truss 2, Lower Chord, Second Portal Hole Back from PP23: Active corrosion with the bottom flange section remaining down to a knife's edge. 2LF CS3 corrosion.



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Span 12, Truss, 2, Lower Chord, PP23, Back: Active corrosion with section loss up to 3/16" along with pin holes in the bottom flange of the lower chord. 1LF CS3 corrosion.



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Span 12, Truss 2, Lower Chord, PP23, Back: Arrested crack in the top flange. 1LF CS2 crack.



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Span 12, Truss 2, Lower Chord, PP24, Back: Arrested crack in the top flange. 1LF CS2 crack.



Span 12, Truss 2, Lower Chord, PP24, Back: Active corrosion with a 1/4" diameter hole in the top flange of the lower chord. 1LF CS4 corrosion.



Span 12, Truss 2, Lower chord, flaking rust to the web plate pack rust between top plate and web plate. 12LF CS3 corrosion.



Span 12, Truss 2, Lower Chord, PP20: Active corrosion with section loss up to 1/8" to the bottom flange at the bottom lateral gusset plate connection. 1LF CS3 corrosion.



Span 12, Truss 2, Lower Chord, Back of PP19: Active corrosion with a 1" diameter hole in the top flange. 1LF CS4 corrosion.



Span 12, Truss 2, Lower Chord, Back of PP18: Active corrosion with a 3/4" diameter hole in the top flange. 1LF CS4 corrosion.



Span 12, Truss 2, Inside of the lower chord, PP18, Back: Active corrosion with flaking rust along the web. 8LF CS3 corrosion.



Span 12, Truss 1, Lower Chord, Ahead of PP16: Arrested crack in the top flange. 4LF CS2 crack.



Span 12, Truss 1, Lower Chord, PP16, Ahead: Active corrosion with pack rust between the web and bottom flange angle connection. 15LF CS3 corrosion.



Span 12, Truss 1, Lower Chord, Ahead of PP16: Arrested crack in the top flange. 4LF CS2 crack.



Span 12, Truss 1, Lower Chord, Ahead of PP16: Arrested crack in the top flange. 4LF CS2 crack.



Span 12, Truss 1, Inside of the lower chord, PP16, Ahead: Active corrosion with flaking rust along the web. 8LF CS3 corrosion.



Span 12, Truss 2, Lower Chord, PP15: Active corrosion with holes in the bottom flange of the lower chord 3 1/2" X 3", 2 1/2" X 2", 1", 1/2", and 1/4" in sizes. The inside of the chord is filled with pigeon dung. 2LF CS4 corrosion.



Span 12, Truss 2, Lower Chord, PP16: Active corrosion with section loss up to 1/4" to the bottom flange at the bottom lateral gusset plate connection. 1LF CS3 corrosion.



Span 12, panel point 12 lower chord, 3/16" section loss to web, 1LF, CS3.



Span 12, Truss 2, Lower Chord, PP12: Active corrosion with section loss up to 3/16" to the web at the build up area. 1LF CS3 corrosion.



Span 12, Truss 2, Inside of the lower chord, PP11: Moderate corrosion along the top flange and web. 4LF CS3 corrosion.



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Span 11, Truss 2, Inside of the lower chord, PP8: Active corrosion with flaking rust along the web and bottom flange. 4LF CS3 corrosion.



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Span 11, Truss 2, Lower Chord, Ahead of PP9: Active corrosion with pack rust between the web and bottom flange angle connection. 20LF CS3 corrosion.



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Span 11, Truss 2, Lower chord, PP9: Active corrosion with a 1/2" diameter hole in the bulkhead at the floorbeam connection. 1LF CS3 corrosion.



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Span 11, panel point 9, flaking rust in the bottom of the lower chord at the gusset, 1LF, CS3.



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Span 11, Truss 1, Lower Chord, PP9, Ahead: Active corrosion with laminating rust along the top flange. 2LF CS3 corrosion.



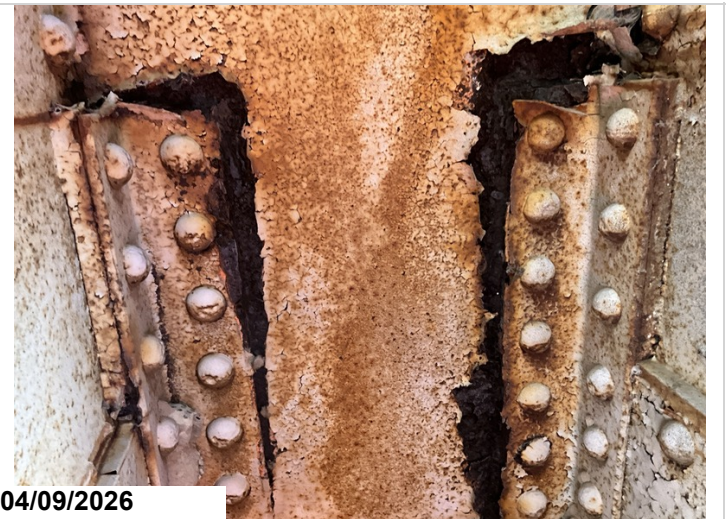
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Span 11, Truss 1, Lower Chord, PP9, Ahead: Active corrosion with laminating rust along the top flange. 2LF CS3 corrosion.



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Span 11, Truss 2, Lower Chord, PP6 - PP7: Active corrosion with pack rust between the web and bottom flange angle connection. 8LF CS3 corrosion.



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Span 11, Truss 1, Lower chord, PP6: Active corrosion with moderate section loss to the top flange. 3LF CS3 corrosion.



Span 11, Truss 2, Inside of the lower chord, PP4, Back: Active corrosion with pack rust and between the web and top flange plates. 12LF CS3 corrosion.



Span 11, Truss 2, Inside of the lower chord, PP6, Back: Active corrosion with moderate section loss to the web near the bottom flange. 8LF CS3 corrosion.



Span 11, Truss 2, Lower Chord, PP6, Back: Active corrosion with section loss up to 3/16" to the web adjacent to the floorbeam connection. 1LF CS3 corrosion.



Span 11, Truss 1, Lower Chord, at PP1: Active corrosion with pack rust between the lower chord and the bottom lateral gusset plate. 1LF CS3 corrosion.



Span 11, Lower Chord, Ahead of PP1: Active corrosion with section loss up to 3/16" to the webs. 2LF CS3 corrosion.



Span 11, Truss 1, Lower Chord: Distortion in the top flange. 10LF CS2 distortion.



Span 11, Truss 2, PP1: Typical view of inside of lower chord.



Span 20, Floorbeam 4: Typical minor flaking paint.



Span 21, Floorbeam 6, Ahead: Active corrosion with section loss approximately up to 5/16" to the bottom flange, between Stringers 1 and 2. 5LF CS3 corrosion.



Span 21, Floorbeam 6, Back: Active corrosion with section loss up to 1/2" to the top flange, adjacent to both Stringers 1 and 2. 8LF CS3 corrosion.



Span 21, Floorbeam 6, Back: Active corrosion with section loss up to 1/2" to the top flange, adjacent to both Stringers 1 and 2. 8LF CS3 corrosion.



Span 16, Floorbeam 1, Ahead, Adjacent to stiffener 2: Active corrosion with section loss up to 3/8" to top flange and section loss up to 1/4" to bottom flange in same location. 5LF CS3 corrosion.



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Span 17, Floorbeam 5, Girder 2, Cantilever: Active corrosion to the filler plate that is on the outside of the connection. 1LF CS3 corrosion.

Span 17, Floorbeam 3, Girder 1, Cantilever: Active corrosion to the filler plate that is on the outside of the connection. 1LF CS3 corrosion.



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Span 19, Floorbeam 3, Ahead, Stiffener 2: Active corrosion with up to 3/8" section loss in the Top Flange. 4 LF CS3 corrosion.



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Span 19, Floorbeam 2, Back, Right of Stiffener 2: Active corrosion with up to 1/4" section loss in the Top Flange. 3 LF CS3 corrosion.



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Span 19, Floorbeam 2, Back, Right: Active corrosion with section loss to the top flange down to a knives edge remaining for a 42" X 3/4" area, along with active corrosion with section loss up to 3/8" to the upper web. 5LF CS3 corrosion.



Span 19, Floorbeam 2, Back, Left of Stiffener 2: Active corrosion down to knife edge in the Top Flange. 6 LF CS3 corrosion.



Span 19, Floorbeam 2, Back, Left of Stiffener 2: Active corrosion with section loss up to 3/8" to the Bottom Flange. 2LF CS3 corrosion.



Span 19, Floorbeam 3, Back, Left: Cracked tack weld at the bottom flange to knee brace connection, fully arrested. 1LF CS2 crack.



Span 19, Floorbeam 3, Back, Above Windlock: Severe corrosion to the web and bottom flange above the windlock area. 10LF CS3 corrosion.



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Span 19, Floorbeam 3, Back, Adjacent to Stiffener 1: Active corrosion with section loss with as little as 1/8" remaining to the bottom flange. 5LF CS3 corrosion.



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Span 19, Floorbeam 2, Back, Adjacent to Stiffener 1: Active corrosion with section loss up to 3/8" to the top flange. 2LF CS3 corrosion.



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Span 19, Floorbeam 2, Back, Left: Active corrosion with section loss with as little as a knives edge remaining to the top flange for 39". 4LF CS3 corrosion.



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Span 19, Floorbeam 2, Back, Left: Active corrosion with section loss up to 1/4" to the web. 1LF CS3 corrosion.



Span 20, Cantilever Floorbeam sections: Typical Active corrosion with pack rust up to 3/8".



Typical poor quality welds along cantilever Floorbeam sections.



Typical poor quality welds along cantilever Floorbeam sections.



Span 7, Right Cantilever on Ahead side of Pin and Hanger Assembly: Typical active corrosion at the Pin and Hanger locations. CS3 corrosion.



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Span 8, Left Cantilever Sections: Active corrosion with pack rust between the top flange of the cantilever sections and the deck. Typical defect throughout the structure. CS3 corrosion.



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Span 8, Floorbeam 5, Right Cantilever: Active corrosion with pack rust up to 7/8" between Floorbeam web and Girder stiffener. 1LF CS3 corrosion.

Span 8, Floorbeam 6, Right Cantilever: Active corrosion with pack rust up to 3/4" between Floorbeam web and Girder stiffener. 1LF CS3 corrosion.



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Span 9, Floorbeam 2, Right Cantilever: Active corrosion with pack rust up to 1/2" between Floorbeam web and Girder stiffener. 1LF CS3 corrosion.



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Span 9, Floorbeam 1, Left Cantilever: Active corrosion with pack rust up to 1" at the Floorbeam to girder stiffener connection. 1LF CS3 corrosion.



Span 9, Floorbeam 5, Left, Cantilever: Active corrosion with pack rust up to 1/2" between Top Flange of Floorbeam and the deck. 3LF CS3 corrosion.



Span 9, Floorbeam 4, Left Cantilever: Cracked tack weld, fully arrested. 1LF CS2 crack.



Span 9, Floorbeam 6, Right Cantilever: Active corrosion with pack rust up to 3/4" between Floorbeam web and girder stiffener. 1LF CS3 corrosion.



Span 9, Floorbeam 6, Right Cantilever: Self arrested cracked tack weld. 1LF CS2 crack.



Span 9, Right Cantilever Sections: Typical corrosion along the Top Flange.



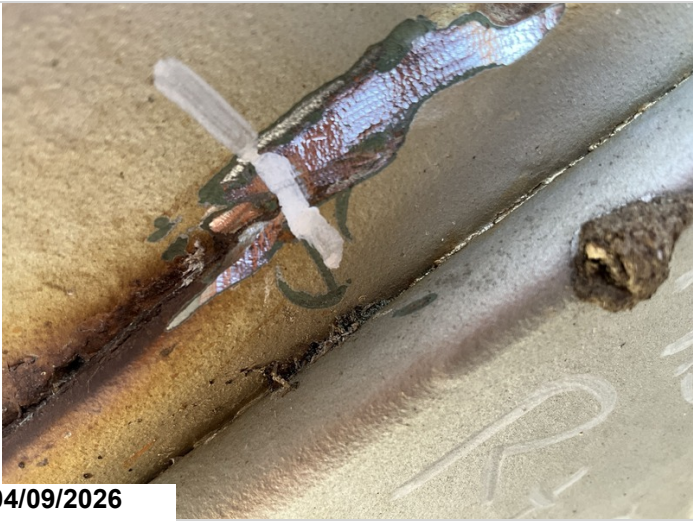
Span 10, Floorbeam 3, Left Cantilever: 3/8" crack in the bottom tack weld at the girder stiffener plate. 1LF CS3 crack.



Span 10, Floorbeam 3, Left Cantilever: 3/8" crack in the bottom tack weld at the girder stiffener plate. 1LF CS3 crack.



Span 10, Floorbeam 2, Right Cantilever: 1/4" crack in the bottom tack weld at the girder stiffener plate. 1LF CS3 crack.



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Span 10, Floorbeam 2, Right Cantilever: 1/4" crack in the bottom tack weld at the girder stiffener plate. 1LF CS3 crack.



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Span 10, Right Cantilever Floorbeam ahead of Floorbeam 5: Typical Active corrosion with flaking rust along the Top Flange. CS3 corrosion.



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Span 10, Floorbeams: Active corrosion with surface rust along web and flanges. CS2 corrosion.



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Span 10, Left, Second to last cantilever section before Floorbeam 6: Missing rivet. 1LF CS2 connection.



Span 10, Left Cantilever Floorbeam sections: Typical corrosion along the Top Flange.



Span 7, Floorbeam 7, Ahead, Adjacent to Stringer 2: Active corrosion with section loss to the top flange. 6LF CS3 corrosion.



Span 7, Floorbeam 7, Near Centerline: Active corrosion with moderate section loss to the top flange. 4LF CS3 corrosion.



Span 7, Floorbeam 6, Left of Windlock: Moderate to heavy corrosion along the bottom flange. 4LF CS3 corrosion.



Span 7, Floorbeam 6, Left: Active corrosion with section loss to the top flange. 6LF CS3 corrosion.



Span 7, Back of Floorbeam 6, Right: Active corrosion with a 3 1/2" hole in the cross bracing.



Span 7, Floorbeam 7, Right of Windlock, Bottom Flange:
Active corrosion with section loss up to 3/8". 1LF CS3 corrosion.



Span 7, Floorbeam 6, Ahead: Active corrosion with section loss up to 1/4" to the web, knives edge section remaining to the bottom flange, and a 4 1/2" X 3" Hole in Stiffener 2. 6LF CS3 corrosion.



Span 6, girdef 2 right, cantilever member 8,



Span 6, girdef 2 right, cantilever member 8,



Span 6, cantilever member 4 on girder 2, top flange is corroded and broken.



Span 4, Cross-Girder, Back of Assembly Joint: Active corrosion with a 2" X 1" hole in the Bottom Flange along with a 12" area of the bottom flange at a knives edge remaining thickness. 2LF CS4 corrosion.



Span 4, Windlock: Moderate to Heavy corrosion.



Span 4, Windlock: 3/8" bottom plate down th a knife's edge of section remaining. CS3 corrosion.



Span 4, Ahead of of Cross-Girder: Active corrosion with flaking rust and moderate section loss to the riveted connections above the windlock. 5LF CS3 corrosion.



Span 4, Cross-Girder: Minor distortion along the bottom flange. 8LF CS2 distortion.



Span 4, Cross-Girder, Back, Adjacent to Girder 1: Active corrosion with pack rust between the web and the flange angles. 1LF CS3 corrosion.



Span 13, Floorbeam 42, Back, Adjacent to Stiffener 1: Active corrosion with section loss up to 5/16" to the bottom flange angle. 1LF CS3 corrosion.



Span 13, Floorbeam 42, Bottom Flange, Right: Active corrosion with section loss ranging from 7/16" - 1/2". 2LF CS3 corrosion.



Span 13, Floorbeam 42, Bottom Flange, Left: Active corrosion with section loss up to 1/4". 1LF CS3 corrosion.



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Span 13, Floorbeam 42, Ahead, Left of Stiffener 1: Active corrosion with section loss up to 1/4" to the web to bottom flange angle. 2LF CS3 corrosion.



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Span 13, Floorbeam 42, Ahead, Top Flange, Right and Left: Active corrosion with flaking rust and pack rust between the top flange and the deck. 8LF CS3 corrosion.



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Span 13, Back Floorbeam at PP43, Ahead, Stiffeners 3 - 6: Active corrosion with holes in the stiffeners.



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Span 13, Back Floorbeam at PP43, Left of Windlock: Active corrosion with section loss up to 5/16" to Bottom Flange cover plate. 1LF CS3 corrosion.



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Span 13, Floorbeams at PP43: Active corrosion with moderate to heavy section loss to the flanges and webs. 30LF Per Floorbeam CS3 corrosion. 60LF Total Minus CS4.



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Span 13, Floorbeams at PP43: Active corrosion with moderate to heavy section loss to the flanges and webs. CS3 corrosion.



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Span 13, Back Floorbeam at PP43, Right of Windlock: Active corrosion with section loss up to 5/16" to Bottom Flange cover plate. 1LF CS3 corrosion.



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Span 13, Ahead Floorbeam at PP43, Back, Stiffeners 5 - 7: Active corrosion with holes in the stiffeners.



Span 13, PP43, Windlock: Severe corrosion.



Span 13, Back Floorbeam at PP43, Back, Adjacent to Stiffener 9: Active corrosion with section loss to the web to bottom flange angle up to 3/8". 1LF CS3 corrosion.



Span 13, Back Floorbeam at PP43, Back, Top Flange, Right: Active corrosion with flaking rust along the Top Flange. 3LF CS3 corrosion.



Span 13, Back Floorbeam at PP43, Bottom Flange, Right: Active corrosion with section loss up to 5/16". 1LF CS3 corrosion.



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Span 13, Floorbeams at PP43: Active corrosion with moderate to heavy section loss to the flanges and webs. CS3 corrosion.



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Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 6: Active corrosion with a 5" X 4" Hole in the web on the left side of the stiffener and a 1 1/2" X 1" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.



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Span 13, PP43, Ahead of Windlock: Hole in lateral Gusset Plate at Windlock to Floorbeam connection.



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Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 5: Active corrosion with a 6" X 5" Hole in the web on the left side of the stiffener. 1LF CS4 corrosion.



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Span 13, Ahead Floorbeam at PP43, Ahead, Bottom Flange
Cover Plate: Active corrosion with a 29" X 4" Hole in the
cover plate. 3LF CS4 corrosion.



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Span 13, Ahead Floorbeam at PP43, Bottom Flange, Left:
Active corrosion with section loss up to 3/16" to the bottom
flange. 1LF CS3 corrosion.
Span 13, Ahead Floorbeam at PP43, Bottom Flange, Right:
Active corrosion with section loss up to 3/8" to the bottom
flange. 1LF CS3 corrosion.



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Ahead Floorbeam at PP43: Unclassified poor detail.



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Span 13, Floorbeam 44, Bottom Flange, Left: Active
corrosion with section loss up to 5/16" to the bottom flange.
1LF CS3 corrosion.
Span 13, Floorbeam 44, Bottom Flange, Right: Active
corrosion with section loss up to 1/4" to the bottom flange.
1LF CS3 corrosion.



Span 13, Floorbeam 46, Back: Active corrosion with flaking rust and moderate section loss to the web to bottom flange angles. 2LF CS3 corrosion.



Span 13, Floorbeam 46, Right of Stringer 2: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



Span 13, Floorbeam 46, Back, Adjacent to Stiffener 5: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.



Span 13, Floorbeam 46, Bottom Flange, Right: Active corrosion with section loss from 7/16" - 1/2" to the bottom flange. 2LF CS3 corrosion.
Span 13, Floorbeam 46, Bottom Flange, Left: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion.



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Span 13, Floorbeam 45, Bottom Flange, Right: Active corrosion with section loss from 7/16" to the bottom flange. 1LF CS3 corrosion.

Span 13, Floorbeam 45, Bottom Flange, Left: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion.



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Span 13, Floorbeam 48, Top Flange, Right, Back: Heavy Active corrosion with flaking rust and section loss. 4LF CS3 corrosion.



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Span 13, Floorbeam 47, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 7LF CS3 corrosion.



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Span 13, Floorbeam 47, Bottom Flange, Right: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion.

Span 13, Floorbeam 47, Bottom Flange, Left: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion.



Span 15, Floorbeam 70, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 8LF CS3 corrosion.



Span 15, Floorbeam 70, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



Span 15, Floorbeam 70, Bottom Flange, Right: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion.

Span 15, Floorbeam 70, Bottom Flange, Left: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 15, Floorbeam 69, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 8LF CS3 corrosion.



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Span 15, Floorbeam 69, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16". 1LF CS3 corrosion.



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Span 15, Floorbeam 69, Bottom Flange, Right: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion.

Span 15, Floorbeam 69, Bottom Flange, Left: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion.



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Span 15, Floorbeam 68, Ahead, at the Stringer 2 Pin and Hanger Assembly connection: Active corrosion with section loss to the connection plate. 1LF CS3 corrosion.



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Span 15, Floorbeam 68, Bottom Flange, Right: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion.

Span 15, Floorbeam 68, Bottom Flange, Left: Active corrosion with section loss from 3/8" to the bottom flange. 1LF CS3 corrosion.



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Span 15, Floorbeam 67, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8". 1LF CS3 corrosion.



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Span 15, Floorbeam 67, Bottom Flange, Right: Active corrosion with section loss up to 3/16". 1LF CS3 corrosion.

Span 15, Floorbeam 67, Bottom Flange, Left: Active corrosion with section loss up to 1/4". 1LF CS3 corrosion.



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Span 15, Floorbeam 66, Bottom Flange, Right: Active corrosion with section loss up to 3/8". 1LF CS3 corrosion.

Span 15, Floorbeam 66, Bottom Flange, Left: Active corrosion with section loss up to 1/8". 1LF CS3 corrosion.



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Span 15, Floorbeam 65, Ahead, left of Stringer 3, Bottom Flange, Left: 5/8" distortion to the bottom flange. 1LF CS2 distortion.



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Span 15, Floorbeam 65, Top Flange, Ahead, Above Stringer 3: Active corrosion with heavy flaking rust, pack rust and section loss for and 8' area. Top Flange has knife's edge section remaining. 5LF CS3 corrosion.



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Span 14, Floorbeam 63, Ahead, Adjacent to Stringer 2: Distortion in Bottom Flange. 1LF CS2 distortion.



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Span 14, Floorbeam 63, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



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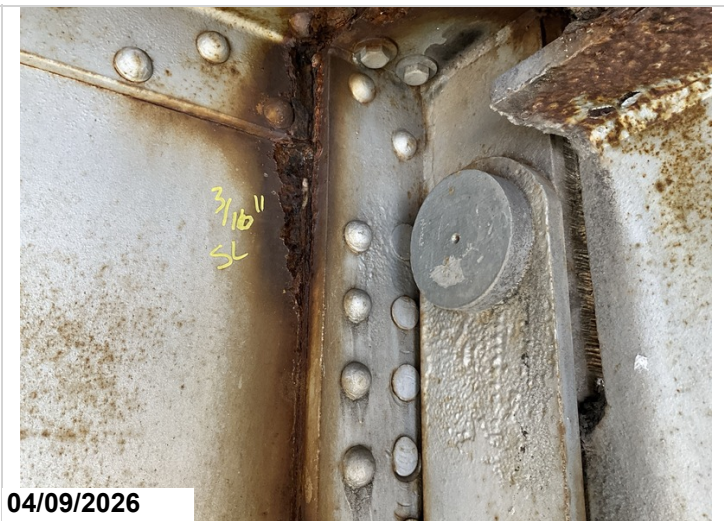
Span 14, Floorbeam 62, Back, Adjacent to Stiffener 2: Active corrosion with section loss up to 1/4" to the web. 1LF CS3 corrosion.



Span 14, Floorbeam 62, Back, Stiffeners 2 and 3: Active corrosion with holes in the stiffeners.



Span 14, Floorbeam 62, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



Span 14, Floorbeam 62, Adjacent to Stringer 2: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



Span 14, Floorbeam 62 to Stringer 2 Connection: Active corrosion with section loss up to 1/8" to Floorbeam web and 1/16" to stringer webs. 1LF CS3 corrosion.



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Span 14, Floorbeam 62, Back, Bottom Flange: Active corrosion with flaking rust and section loss. 20LF CS3 corrosion.



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Span 14, Floorbeam 62, Back, Stiffener 4: Active corrosion with a hole in the stiffener.



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Span 14, Floorbeam 62, Back, adjacent to Stiffener 4: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



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Span 14, Floorbeam 62, Back, adjacent to Stiffener 5: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



Span 14, Floorbeam 62 to Stringer 3 Connection: Active corrosion with section loss up to 1/8" to Floorbeam and Stringer webs. 1LF CS3 corrosion.



Span 14, Floorbeam 62, Back, Adjacent to Stringer 3, Web: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



Span 14, Floorbeam 62, Bottom Flange, Right: Active corrosion with section up to 3/8" to the bottom flange. 1LF CS3 corrosion.

Span 14, Floorbeam 62, Bottom Flange, Left: Active corrosion with section up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 14, Floorbeam 61, Top Flange, Ahead, Above Stringer 3: Active corrosion with section loss with a 24" X 1/2" area of section remaining down to knife's edge. 2LF CS3 corrosion.



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Span 14, Floorbeam 61, Back, Left of Stiffener 9, Web:
Active corrosion with section loss up to 1/8" to the web. 1LF
CS3 corrosion.



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Span 14, Floorbeam 61, Bottom Flange, Right: Active
corrosion with section loss up to 3/16" to the bottom flange.
1LF CS3 corrosion.



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Span 14, Floorbeam 60, Ahead, Top Flange, Above Stringer
1: 42" area of 1/8" remaining thickness to the Top Flange.
4LF CS3 corrosion.



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Span 14, Floorbeam 60, Ahead, Stiffener 1: Heavy corrosion
to stiffener and adjacent angle connections. 1LF CS3
corrosion.



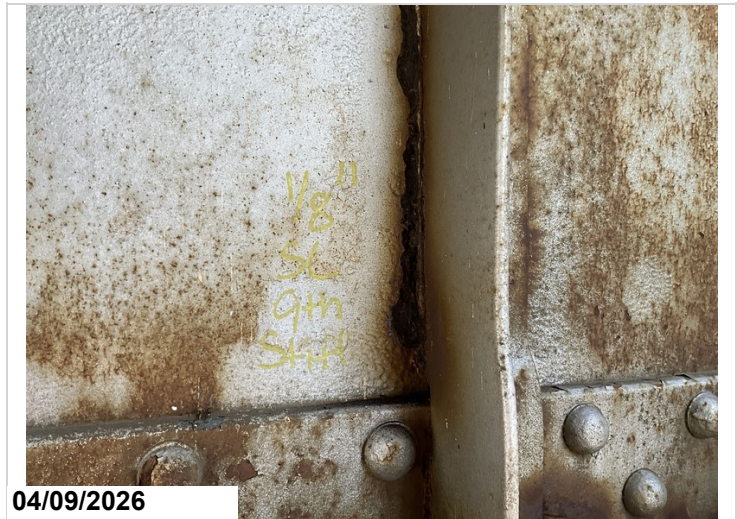
Span 14, Floorbeam 60, Bottom Flange, Left: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 14, Floorbeam 60, Bottom angle connection, back, below Stringer 1: Active corrosion with section loss up to 3/16" to the angle. 1LF CS3 corrosion.



Span 14, Floorbeam 60, Bottom Flange, back, below Stringer 3: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 14, Floorbeam 60, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.



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Span 14, Floorbeam 60, Bottom Flange, Right: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.



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Span 14, Ahead of back Floorbeam at PP59, Top Flange: Heavy corrosion with heavy section loss to the Top Flange. Full-length CS3 corrosion. 30LF Minus CS4.



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Span 14, PP59, wind lock: Heavy corrosion.



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Span 14, PP59, Back Floorbeam, Bottom Flange, Right of Windlock: Active corrosion with section loss up to 3/8" in Bottom Flange. 1LF CS3 corrosion.



Span 14, Ahead of back Floorbeam at PP59, Top Flange:
Heavy corrosion with heavy section loss to the Top Flange.



Span 14, between the Floorbeams at PP59.



Span 14, Ahead Floorbeam at pp59, Bottom Flange, Left:
Active corrosion with section loss up to 5/16". 1LF CS3
corrosion.



Span 14, Ahead Floorbeam at PP59, Stiffener 3: Active
corrosion with a 4" X 1 1/4" hole and a 3/4" diameter hole in
the web of the floorbeam. 1LF CS4 corrosion.



Span 14, Ahead Floorbeam ar PP59, Bottom Flange, below Stringer 2: Active corrosion with a 36" X 3" Hole in the Bottom Flange. 3LF CS4 corrosion.



Span 14, Ahead Floorbeam ar PP59, Bottom Flange, below Stringer 2: Active corrosion with a 36" X 3" Hole in the Bottom Flange. 3LF CS4 corrosion.



Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 5: Active corrosion with a 2 1/2" X 3" hole in the web. 1LF CS4 corrosion.



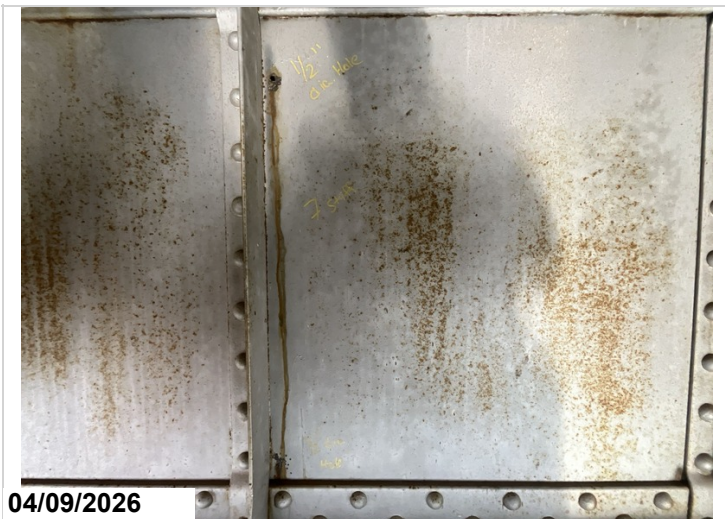
Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 6: Active corrosion with a 1" X 3/8" and 4" X 3/4" holes in the web. 1LF CS4 corrosion.



Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 7:
Active corrosion with two 1/2" diameter holes in the web.
1LF CS4 corrosion.



Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 7:
Active corrosion with two 1/2" diameter holes in the web.
1LF CS4 corrosion.



Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 7:
Active corrosion with two 1/2" diameter holes in the web.
1LF CS4 corrosion.



Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 8:
Active corrosion with a 1 1/2" X 1 1/4" hole in the web. 1LF
CS4 corrosion.



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Span 14, Ahead Floorbeam at PP59, Bottom Flange, Right:
Active corrosion with section loss up to 1/4" to the bottom
flange. 1LF CS3 corrosion.



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Span 14, Back Floorbeam at PP59, Bottom Flange, Left:
Active corrosion with a 2 1/2" X 1" hole in the Bottom Flange.
1LF CS4 corrosion.



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Span 14, Back Floorbeam at PP59, Bottom Flange, Left:
Active corrosion with a 2 1/2" X 1" hole in the Bottom Flange.
1LF CS4 corrosion.



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Span 14, Back Floorbeam at PP59, Bottom Flange: Active
corrosion with section loss up to 1/4" to the bottom flange.
1LF CS3 corrosion.



Span 14, Floorbeam 58, Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 2LF CS3 corrosion.



Span 14, Floorbeam 58, Right, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.

Span 14, Floorbeam 58, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Floorbeam 57: Needs Bottom Flange repair more than 56.



Span 14, Floorbeam 57, Back, Stiffeners 3, 6 and 7: Active corrosion with holes in the stiffeners. 3LF CS3 corrosion.



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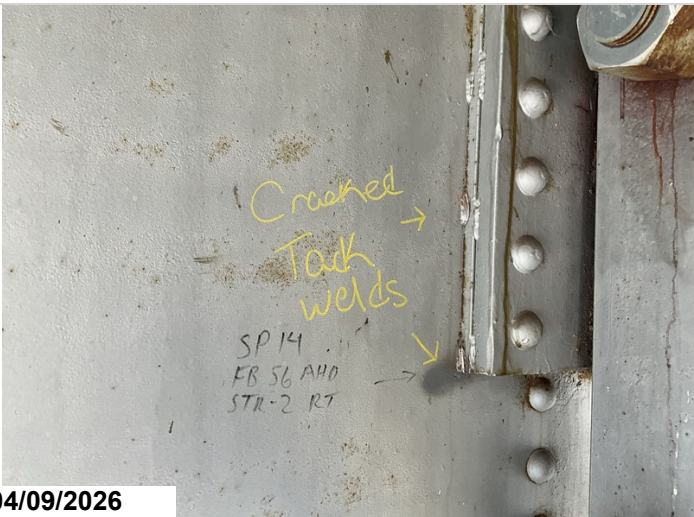
Span 14, Floorbeam 57, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.

Span 14, Floorbeam 57, Back, Adjacent to Stiffeners 3 and 7: Active corrosion with section loss up to 3/16" to the web. 2LF CS3 corrosion.



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Span 14, Floorbeam 57, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.



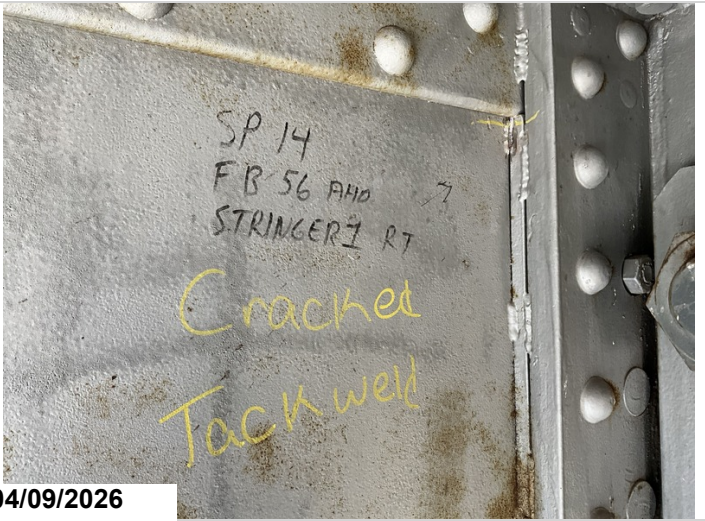
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Span 14, Floorbeam 56 to Stringer 2 Pin and Hanger Assembly connection: Cracked tack welds, has self arrested. 1LF CS2 crack.



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Span 14, Floorbeam 56 to Stringer 1, Pin and Hanger Assembly connection: Cracked tack weld, has not self arrested. 1LF CS2 crack.



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Span 14, Floorbeam 56 to Stringer 1, Pin and Hanger Assembly connection: Cracked tack weld, has not self arrested. 1LF CS2 crack.



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Span 14, Floorbeam 56, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.

Span 14, Floorbeam 56, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



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Span 14, Floorbeam 55, Ahead, Right: Distortion in Top Flange. 2LF CS2 distortion.



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Span 14, Floorbeam 55, Top Flange: Typical Active corrosion with pack rust between the Top Flange and the deck. 6LF CS3 corrosion.



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Span 14, Floorbeam 55, Back, Adjacent to Stiffener 8: Active corrosion with section loss up to 1/4" to bottom flange angle connection. 1LF CS3 corrosion.



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Span 14, Floorbeam 55, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.

Span 14, Floorbeam 55, Left, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.



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Span 14, Floorbeam 54, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 1/4" to the bottom flange angle connection, along with a hole in the stiffener. 1LF CS3 corrosion.



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Span 14, Floorbeam 54, Back, Adjacent to Stiffener 4: Active corrosion with section loss up to 1/8" to the bottom flange angle connection. 1LF CS3 corrosion.



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Span 14, Floorbeam 54, Back, Left of Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.

Span 14, Floorbeam 54, Back, Left of Stiffener 7: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



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Span 14, Floorbeam 54, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.



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Span 14, Floorbeam 54, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.

Span 14, Floorbeam 54, Left, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.



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Span 14, Floorbeam 53, Ahead, Right of Stiffener 5: Active corrosion with section loss up to 1/16" to the web. 1LF CS3 corrosion.



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Span 14, Floorbeam 53, Ahead, Left of Stringer 2: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



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Span 14, Floorbeam 53, Ahead, left of Stiffener 3: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.



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Span 14, Floorbeam 53, Ahead, Left, Top Flange: Active corrosion with flaking rust. 5LF CS3 corrosion.



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Span 14, Floorbeam 53, Back, Bottom of Stringer 3 connection: 3/4" crack in tack weld. 1LF CS3 crack.



Span 14, Floorbeam 53, Back, Bottom of Stringer 3 connection: 3/4" crack in tack weld. 1LF CS3 crack.



Span 14, Floorbeam 53, Left, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.



Span 14, Floorbeam 53, Back, Stringer 3 connection: Self arrested cracked tack weld. 1LF CS2 crack.



Span 14, Floorbeam 53, Right, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.



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Span 14, Floorbeam 52, Ahead, Adjacent to Stiffener 2: Active corrosion with section loss up to 3/16" to the bottom flange angle connection. 1LF CS3 corrosion.



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Span 14, Floorbeam 52, Back, Adjacent to Stiffener 8: Active corrosion with section loss up to 1/4" to the bottom flange angle connection. 1LF CS3 corrosion.



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Span 14, Floorbeam 52, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 2LF CS3 corrosion.



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Span 14, Floorbeam 51, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion.



Span 14, Floorbeam 51, Back, Top Flange, Above Stringer 1: Active corrosion with section loss causing a 36" X 1/2" area with holes and knife's edge section remaining. 3LF CS4 corrosion.



Span 14, Floorbeam 51, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 1/4" to the bottom flange angle connection. 1LF CS3 corrosion.



Span 14, Floorbeam 51, Back, Adjacent to Stringer 2: Active corrosion with pack rust up to 5/16" causing distortion. 1LF CS3 corrosion and 1LF CS2 distortion.



Span 14, Floorbeam 51, Back, Adjacent to Stringer 2: Active corrosion with pack rust up to 5/16" causing distortion. 1LF CS3 corrosion and 1LF CS2 distortion.



Span 14, Floorbeam 51, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.
Span 14, Floorbeam 51, Left, Bottom Flange: Active corrosion with section loss up to 1/16" to the bottom flange. 1LF CS3 corrosion.



Span 14, Floorbeam 50, Bottom Flange, Under stringer 3: Loose bolt, bolt is corroded. 1LF CS2 connection.



Span 14, Floorbeam 50, Ahead, Adjacent to Stringer 1: Active corrosion with section loss up to 1/4" to the web. 1LF CS3 corrosion.



Span 14, Floorbeam 50, Back, Right: Active corrosion with section loss up to 3/16" to the top flange. 3LF CS3 corrosion.



Span 14, Floorbeam 50, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.
Span 14, Floorbeam 50, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 14, Floorbeam 49, Left, Bottom Flange: Active corrosion with section loss up to 1/8" to the bottom flange. 1LF CS3 corrosion.



Span 14, Floorbeam 49, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 14, Floorbeam 49, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/16" to the web. 1LF CS3 corrosion.



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Span 15, Floorbeam 71, Ahead, Adjacent to Stiffener 6:
Active corrosion with section loss up to 1/2" to the bottom
flange angle connection. 1LF CS3 corrosion.



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Span 15, Floorbeam 71, Ahead, Adjacent to Stiffener 5:
Active corrosion with section loss up to 3/16" to the web. 1LF
CS3 corrosion.



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Span 15, Floorbeam 71, Ahead, Adjacent to Stringer 3:
Cracked tack weld at Pin and Hanger Assembly connection
plate. Crack has self-arrested. 1LF CS2 crack.



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Span 15, Floorbeam 71, Adjacent to the Pin and Hanger
Assembly at Stringer 2: Active corrosion with section loss up
to 1/8" to the web. 1LF CS3 corrosion.



Span 15, Floorbeam 71, Ahead, Above Stiffener 1: Active corrosion with pack rust between the top flange and the deck. 3LF CS3 corrosion.



Span 15, Floorbeam 71, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 15, Floorbeam 71, Right, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.



Span 15, Floorbeam 73, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



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Span 15, Floorbeam 73, Back, Adjacent to Stiffener 2: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.



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Span 15, Floorbeam 73, Back, Top Flange, Above Stringer 1: Active corrosion with section loss causing holes for a 32" area along the Top Flange. 3LF CS4 corrosion.



04/09/2026

Span 15, Floorbeam 73, Adjacent to Stiffener 8: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



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Span 15, Floorbeam 73, Ahead, Above Stringer 3: Active corrosion with pack rust and section loss to the Top Flange causing holes and knife's edge section remaining for 16" X 1". 2LF CS4 corrosion.



Span 15, Floorbeam 73, Ahead, Above Stringer 3: Active corrosion with pack rust and section loss to the Top Flange causing holes and knife's edge section remaining for 16" X 1". 2LF CS4 corrosion.



Span 15, Floorbeam 73, Right, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.



Span 15, Floorbeam 72, Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.



Span 15, Floorbeam 72, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 15, Floorbeam 72, Back, Above Stringer 3: Active corrosion with section loss causing holes and knife's edge section remaining to top flange 3'x1". 3LF CS4 corrosion.



Span 15, Floorbeam 72, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion.



Span 13, Floorbeam 42, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.



Span 13, Floorbeam 37, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 2LF CS3 corrosion.



Span 13, Floorbeam 33, Right, Bottom Flange: Active corrosion with section loss up to 7/16" to the bottom flange. 1LF CS3 corrosion.



Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 8: Active corrosion with a 4" X 3 1/2" hole in the web



Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 7: Active corrosion with a 1/2" diameter hole, 3" X 2 1/2" hole, and a 1" X 3/4" hole in the web. 2LF CS4 corrosion.



Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 6: Active corrosion with a 2 1/2" X 1 1/2" hole and a 1/2" diameter hole in the web. 1LF CS4 corrosion.



Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 5:
Active corrosion with a 2" X 1 1/2" hole in the web. 1LF CS4 corrosion.



Span 12, Ahead Floorbeam at PP25, Stiffeners 6 and 7:
Active corrosion with holes in the stiffeners.



Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 6:
Active corrosion with a 4" X 6" hole and a 3" X 1/2" hole in the web. 1LF CS4 corrosion.



Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 5:
Active corrosion with a 10" X 1/2" hole in the web. 1LF CS4 corrosion.



Span 12, Floorbeams at PP25: Heavy corrosion along the bottom flange. 60LF CS3 corrosion. Minus CS4



Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 3: Active corrosion with a 1/2" diameter hole in the web. 1LF CS4 corrosion.
Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 3: Active corrosion with a 1/2" diameter hole in the web. 1LF CS4 corrosion.



Span 12, Floorbeam 24, Ahead, Adjacent to Stiffener 1: Active corrosion with pack rust between the web and the stiffener. 1LF CS3 corrosion.



Span 12, Floorbeam 22, Left, Bottom Flange: Active corrosion with moderate flaking rust and section loss to the bottom flange. 2LF CS3 corrosion.



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Span 12, Floorbeam 21, Ahead, Adjacent to Stiffener 9:
Active corrosion with section loss up to 1/4" to the bottom
flange angle connection, along with a hole in the stiffener.
1LF CS3 corrosion.



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Span 12, Floorbeam 22, Adjacent to Stiffener 5: Active
corrosion with section loss up to 1/8" to the web. 1LF CS3
corrosion.



04/09/2026

Span 12, Floorbeam 20, Right, Bottom Flange: Active
corrosion with section loss up to 1/4" to the bottom flange.
2LF CS3 corrosion.



04/09/2026

Span 12, Floorbeam 20, Back, Right: Active corrosion with
section loss to the bottom flange cover plate. 2LF CS3
corrosion.



04/09/2026

Span 12, Floorbeam 20, Back, Adjacent to Stiffener 9: Active corrosion with a 1" X 3/4" hole in the web. 1LF CS4 corrosion.



04/09/2026

Span 12, Floorbeam 18, Left, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.



04/09/2026

Span 12, Floorbeam 18, Ahead, Stiffener 3: Active corrosion with a hole in the bottom of the stiffener. 1LF CS3 corrosion.



04/09/2026

Span 12, Floorbeam 18, Ahead: Moderate corrosion along the top flange. 12LF CS3 corrosion.



04/09/2026

Span 12, Floorbeam 18, Back, Adjacent to Stiffener 7: Active corrosion with a 1" X 5/8" hole in the web. 1LF CS4 corrosion.



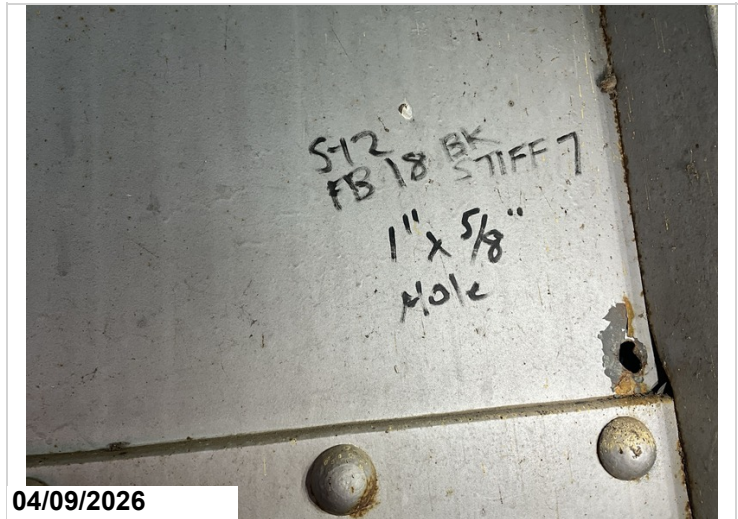
04/09/2026

Span 12, Floorbeam 18, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.



04/09/2026

Span 12, Floorbeam 18, Back, Adjacent to Stiffener 7: Active corrosion with a 1" X 5/8" hole in the web. 1LF CS4 corrosion.



04/09/2026

Span 12, Floorbeam 18, Back, Adjacent to Stiffener 7: Active corrosion with a 1" X 5/8" hole in the web. 1LF CS4 corrosion.



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Span 12, Floorbeam 16, Left, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.



04/09/2026

Span 12, Floorbeam 16, Ahead, Adjacent to Stringer 1: Active corrosion with pack rust between the top flange and the deck. 3LF CS3 corrosion.



04/09/2026

Span 12, Floorbeam 15, Right, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.



04/09/2026

Span 12, PP15, Windlock: Heavy corrosion. CS3 corrosion.



Span 12, PP15, Windlock: Heavy corrosion. CS3 corrosion.



Span 12, Floorbeam 16, Baack, Adjacent to Stiffener 9:
Active corrosion with pack rust. 1LF CS3 corrosion.



Span 12, Floorbeam 14, Ahead, Adjacent to Stringer 1:
Active corrosion with pack rust between the top flange and
the deck. 5LF CS3 corrosion.



Span 12, Floorbeam 12, Ahead, Adjacent to Stringer 2:
Active corrosion with section up to 3/8\"/>



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Span 12, Floorbeam 14, Back, Stiffener 9: Active corrosion with pack rust between the web and the stiffener up to 1/8" and a hole in the bottom of the stiffener. 1LF CS3 corrosion.



04/09/2026

Span 12, Floorbeam 12, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 2LF CS3 corrosion.



04/09/2026

Span 11, Floorbeam 8, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion.



04/09/2026

Span 11, Floorbeam 9, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.



Span 11, Floorbeam 9, Ahead, Adjacent to Stiffener 2: Active corrosion with section loss up to 5/16" to the bottom flange angle connection. 1LF CS3 corrosion.



Span 11, Floorbeam 9, Left, Bottom Flange: Active corrosion with section loss up to 1/16" to the bottom flange. 1LF CS3 corrosion.



Span 11, Floorbeam 6, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.



Span 11, Floorbeam 7, Right, Bottom Flange: Active corrosion with pack rust between the bottom flange and the cover plate. 1LF CS3 corrosion.



Span 11, Floorbeam 2, Ahead: Active corrosion with section loss up to 1/4" to the web adjacent to the stiffeners. 5LF CS3 corrosion.



Span 11, Floorbeam 2, Back: Moderate corrosion to the top flange. 6LF CS3 corrosion.



Span 11, Floorbeam 2, Back, Stiffener 7: Minor distortion in the stiffener. 1LF CS2 distortion.



Span 11, Floorbeam 2, Right, Bottom Flange: Active corrosion with section loss up to 1/2" to the bottom flange. 2LF CS3 corrosion.



Span 11, Floorbeam 1, Left, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.



Span 11, Floorbeam 0, Ahead, Bay 2: Active corrosion with section loss to the top flange. 10LF CS3 corrosion.



Span 11, Floorbeam 0, Back, Left and Right: Moderate corrosion to the top flange and the rivets. 4LF CS3 corrosion.



Span 11, Floorbeam 0 back, stiffener 6: Active corrosion with 1/4" section loss to the web above the bottom flange angle. Stiffeners 3-7 are in similar condition. 5LF CS3 corrosion.



Span 19, Girder 2, Pin and Hanger Assembly: Back side of inside hanger bar has section loss ranging from 1/4" to 3/8". 1EA CS3 corrosion.



Span 19, Girder 1, right hanger of pin and hanger assembly: corrosion with up to 3/8" section loss to back side of hanger bar at lower pin section. 1EA CS3 corrosion.



Span 19, Girder 1: pin and hanger assembly. Minor surface corrosion on exterior.



Span 7, Girder 2, Pin and Hanger Assembly: Active corrosion with section loss to the back side of the hanger bar ranging from 3/16" to 1/4". 1EA CS3 corrosion.



Span 7, Girder 1, Pin and Hanger Assembly: Active corrosion with section loss to the back side of the hanger bar ranging from 3/16" to 1/4". 1EA CS3 corrosion.



Span 4, Girder 2, Pin and Hanger Assembly: 7/16" gap between Girder 1 and Floorbeam 1 in Span 4. 66 degree air temperature.



Span 4, Girder 1, Pin and Hanger Assembly: 5/8" gap between Girder 1 and Floorbeam 1 in Span 4. 66 degree air temperature.



Span 4, Girder 1, Pin and Hanger Assembly: 5/8" gap between Girder 1 and Floorbeam 1 in Span 4. 66 degree air temperature.



Span 13, Truss 2, PP 43, Upper Chord: Top pin at Pin and Hanger Assembly.



Span 12, Truss 2, PP 25, Right: Pin and Hanger Assembly.



Span 12, Truss 2, PP15: Typical truss Pin and Hanger Assembly.



Span 12, Truss 2, PP15: Typical truss Pin and Hanger Assembly.



Span 13, Stringer 1, Floorbeam 46, Pin and Hanger Assembly.



Span 13, Stringer 2, Floorbeam 46, Pin and Hanger Assembly.



Span 13, Stringer 3, Floorbeam 46, Pin and Hanger Assembly.



Span 15, Stringer 3, Ahead of Floorbeam 66, Pin and Hanger Assembly: Active corrosion with pack rust between web of Stringer and hanger bar. 3/8". 1EA CS3 corrosion.



Span 15, Stringer 2, Ahead of Floorbeam 66, Pin and Hanger Assembly: Active corrosion with pack rust up to 3/4" between hanger bar. 1EA CS3 corrosion.



Span 15, Stringer 2, Ahead of Floorbeam 66: Pin and Hanger Assembly.



Span 14, Ahead of Floorbeam 56: Pin and Hanger Assemblies.



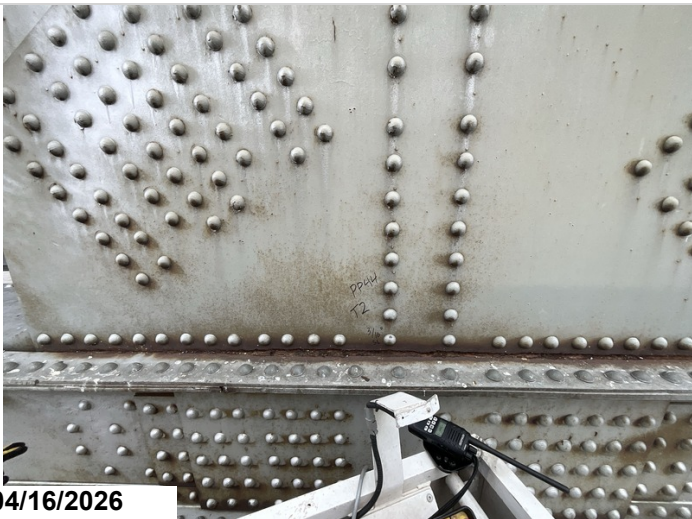
Span 13, Truss 2, PP45: Gusset Plate has minor surface corrosion.



Typical upper Gusset Plate.



Span 11, Truss 2, PP3: Typical top lateral Gusset Plate.



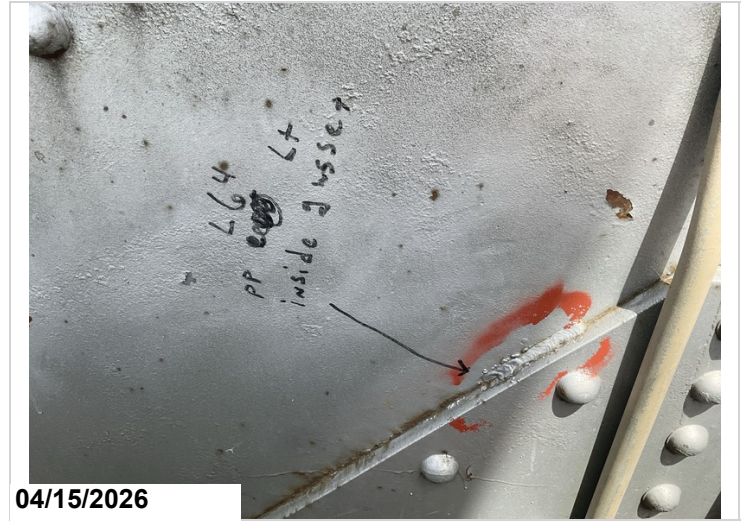
Span 13, Truss 2, PP44, Gusset Plate: Active corrosion with section loss up to 3/16".



Typical condition Gusset Plate



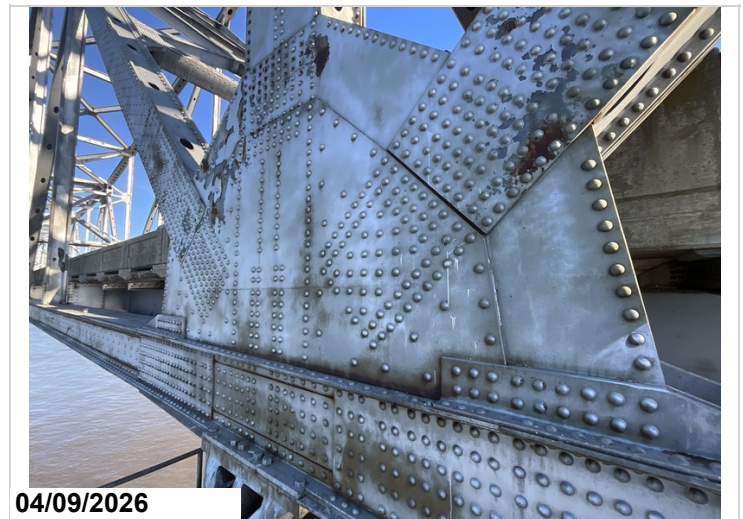
Typical condition guest plate



Span 15, Truss 1, L64, Inside Gusset Plate: Cracked tack weld. 1LF CS3 crack.



Span 13, Truss 2, Gusset Plate, Lower Chord at PP46:
Active corrosion with section loss up to 3/16" to the Gusset Plate.



Typical Gusset Plate.



Span 11, Truss 2, Gusset Plate, PP4: Active corrosion with section loss along the bottom of the gusset plate. 1EA CS3 corrosion.



Span 11, Truss 2, Gusset Plate, PP2: Active corrosion with section loss along the bottom of the gusset plate. 1EA CS3 corrosion.



Pier 16, Column 2: Active corrosion with pack rust between Column and Gusset Plates. 1EA CS3 corrosion.

Pier 16, Column 1: Active corrosion with pack rust between Column and Gusset Plates. 1EA CS3 corrosion.



Pier 7, Column 1: Active corrosion with pack rust between Column and Gusset Plates. 1EA CS3 corrosion.



04/09/2026

Pier 8, Column 1, Right, Near Top: 1/2" crack in tack weld in the angle connection plates under the Bearing. 1EA CS2 crack.



04/09/2026

Pier 8, Column 1, Right, Near Top: 1/2" crack in tack weld in the angle connection plates under the Bearing. 1EA CS2 crack.



04/09/2026

Steel Columns: Typical minor pack rust between flanges and flange cover plates.



04/09/2026

Pier 8, Column 2: Active corrosion with pack rust between Column and Gusset Plates. 1EA CS3 corrosion.



Typical Steel Column.



Pier 9, Column 1, Back flange: Rolling defect between the top and middle Gusset Plate.



Pier 9, Column 1, Ahead: Active corrosion with pack rust at the middle Gusset Plate connection. 1EA CS3 corrosion.



Pier 9, Column 2, Ahead: Active corrosion with pack rust at the middle and bottom Gusset Plate connection. 1EA CS3 corrosion.



Typical Steel Column substructure unit.



Pier 19, Column 2, right: cracking with efflorescence and rust staining. 1 EA CS3.



Pier 10, Column 1, Back: Cracking with efflorescence build-up below the bearing. 1EA CS3 efflorescence.



Pier 5, Column 2: Cracking near the bearing area. 1EA CS2 cracking.



04/09/2026

Pier 5, Column 2: Spalling with exposed reinforcing steel.
1EA CS3 exposed reinforcing steel.



04/09/2026

Pier 4, Column 2: Vertical cracking. 1EA CS2 cracking.



04/09/2026

Pier 13, Column 2, Back: Cracking with efflorescence build up.



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Pier 14, Column 1: Cracking with efflorescence build up. 1EA CS3 efflorescence.



Pier 13, Column 1, Back: Cracking with efflorescence build-up below the bearing area. 1EA CS3 efflorescence.



Pier 12, Column 1, Back: Cracking with efflorescence build-up below the bearing. 1EA CS3 efflorescence.



Pier 12, Column 2, Back: Cracking with efflorescence build-up below the bearing. 1EA CS3 efflorescence.



Pier 19, ahead, right: exposed rebar with adjacent delamination to top of pier wall. 1 LF CS3.



04/09/2026

Pier 5, Wall, Back: Vertical cracking with efflorescence build-up and spalling with exposed reinforcing steel. 3LF CS3 efflorescence and 1LF CS3 exposed reinforcing steel.



04/09/2026

Pier 4, Wall, Back: Cracking with efflorescence. 5LF CS2 efflorescence.



04/16/2026

Abutment 2: Cracking with efflorescence. 12LF CS3 efflorescence.



04/16/2026

Abutment 2: Vertical cracking. 7LF CS2 cracking. 2LF CS2 delam.



Abutment 2: Cracking with efflorescence. 12LF CS3 efflorescence.



Abutment 1, Left: 7/8" per 2'.



Bay 2: 1" per 2'
Bay 1: 1"



Abutment 1, Right: 1" per 2'
Bay 3: 1"



Abutment 1, Joint: Fingers closed due to rotation in abutment.



Abutment 1, Left: Backwall has spalled and is rotated towards Pier 1.



Abutment 1: Cracking with efflorescence. 10LF CS3 efflorescence.





PP 6



PP 8



PP 12



PP 15



PP 18



PP 22



PP 28



PP 32



PP 36



PP 40



PP 46



PP 50



PP 53



PP 56



PP 62. Joint



PP 66 joint.



PP 68, joint.



PP 71, joint.



PP8, Joint: Cracked and loose for 56" on Mississippi bound lane.



Span 19, pin and hanger: joint material torn loose on Cantilever. Corrosion to top flange of cantilever Floorbeam members.



Abutment 1 joint is closed. Fingers of left lane on the ahead side are up to 3/4" higher than on the backside.



PP 0, Deck view of Joint.



PP 25, Deck view of Joint.



PP 43, Deck view of Joint.



PP 59, Deck view of Joint.



PP 74, Deck view of Joint.



Pier 10, Joint: Approach span side of joint raised approximately 1 1/4", with the worst being on the Mississippi Bound lane and center line.



Span 13, PP43, Joint:



Span 13, PP43, Joint Armor:



PP43, Joint.



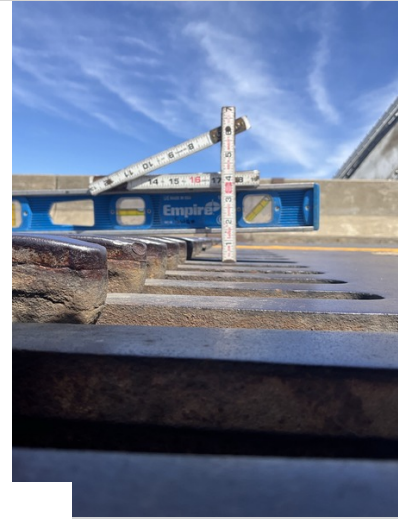
Span 14, PP59, Joint seal and angle connection plate:
Corroded and broken away from the connection areas,
causing the joint seal and angles to have little to no
effectiveness.



Span 14, PP59, Joint seal and angle connection plate:
Corroded and broken away from the connection areas,
causing the joint seal and angles to have little to no
effectiveness.



Span 14, PP59, Joint seal and angle connection plate.



Panel point 0, the back side of the finger joint is up to 1 1/2" higher than the ahead side.



Abutment 2, Bearings.



Typical bearings at Abutment 1.



Pier 20, Bearings: Slightly leaning back towards Pier 19.



Pier 9, Girder 1: Typical Girder to Steel Column bearing.



Pier 7, Steel Column Bearing 1.



Typical steel Column bearing.



Pier 2, Bearing 2: Typical Fixed Bearing in Multi-Girder Spans.



Pier 1, Bearing 2.



Pier 13, Bearings.



Pier 14, Bearings.



68 - 69, Right bridge railing:



Vertical: 20.94
Curb to Curb: 39.39
Pier 19 - Pier 20: 149.



Pier 15, Left: Electric box has heavy corrosion and holes.



Maintenance Needs

Date Reported: 02/10/2012

Priority: B - Pressing

Status: Assigned

Type of Work: Superstructure Repair

Component: Element

Deficiency Description

Truss - Lower Chord

All defect notes and photos can be found in the element "120 - Steel Truss".

Lower Chords: Active corrosion with laminated rust and pack rust along the inside of the lower chords is typical throughout the structure.

Listed below are areas throughout the Lower Chord that have active corrosion with holes:

Span 12, Truss 1, L15, Back, Bottom Flange Below Pin: Several holes rusted through; bottom flange very thin. 2LF CS4 corrosion.

Span 12, Truss 2, L15, Back, Bottom Plate: Three holes rusted through. 2LF CS4 corrosion.

Span 12, Truss 2, L17, Back, Top Flange: 1" diameter rust hole. 1LF CS4 corrosion.

Span 12, Truss 2, L18, Back, Top Flange: 1/2" diameter corrosion hole. 1LF CS4 corrosion.

Span 12, Truss 2, L19, Back, Top Flange: 1/2" x 1" corrosion hole. 1LF CS4 corrosion.

Span 12, Truss 2, L23, Back, Second Portal Back, Bottom Flange: Heavy section loss with 2" hole. 4LF CS4 corrosion.

Span 12, Truss 2, L23, Back, Second Portal Hole: 1" x 1" hole. 1LF CS4 corrosion.

Span 12, Truss 2, L23, Back, Adjacent to Lower Gusset: Heavy section loss with 1/4" hole. 2LF CS4 corrosion.

Span 12, Truss 2, L24, Back, Top Flange: Corrosion with 1/2" hole. 1LF CS4 corrosion.

Span 13, Truss 2, L31, Second Portal Back, Bottom Flange: Heavy section loss with 2" diameter hole. 2LF CS4 corrosion.

Span 13, Truss 2, L41, Top Flange, Back of Vertical: Active corrosion with holes in the top flange in a 5' area, with a total of 6' containing section loss. 1LF CS3 corrosion and 5LF CS4 corrosion.

Span 14, Truss 2, L55, Lower Chord: Active corrosion with a 1/2" diameter hole in the bottom flange. 1LF CS4 corrosion.

Remarks

Span 13, Right, L41, Back, top flange: Corrosion with various holes rusted through measuring at 9"x2 1/2" 1"x1 1/4" and 1 1/4" x 1 1/4", CS4 - has been cleaned and painted. March 2024 KAW

ARDOT and MDOT preparing plans for major bridge retrofit. 5/1/2024 KAW.

Assigned to Contract Rehabilitation. Set to let early 2026. KAW 5/1/2025



04/16/2026

Span 13, Truss 2, Lower Chord, PP41, Back: Active corrosion with holes in the top flange in a 5' area, with a total of 6' containing section loss. 1LF CS3 corrosion and 5LF CS4 corrosion.



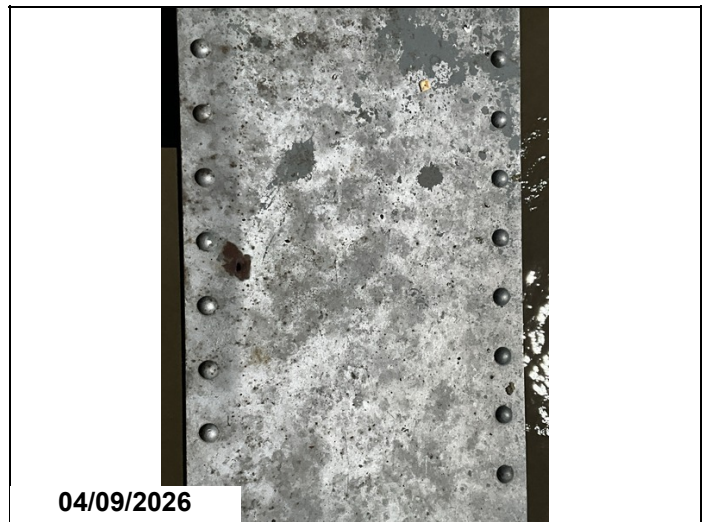
04/09/2026

Span 14, Truss 2, Lower Chord, PP55: Active corrosion with a 1/2" diameter hole in the Bottom Flange at the lateral Gusset Plate connection. 1LF CS4 corrosion.



04/09/2026

Span 13, Truss 2, Lower Chord, Second Portal hole back from PP31: Active corrosion with a 1 1/2" Diameter hole in the bottom flange of the lower chord. 1LF CS4 corrosion.



04/09/2026

Span 12, Truss 2, Lower Chord, PP19, Back: Active corrosion with a 1" X 3/4" hole in the top flange of the lower chord. 1LF CS4 corrosion.



Span 12, Truss 2, Lower Chord, Back of PP18: Active corrosion with a 3/4" diameter hole in the top flange. 1LF CS4 corrosion.



Span 12, Truss 2, Lower Chord, PP15: Active corrosion with holes in the bottom flange of the lower chord 3 1/2" X 3", 2 1/2" X 2", 1", 1/2", and 1/4" in sizes. The inside of the chord is filled with pigeon dung. 2LF CS4 corrosion.



Span 13, Lower 41, right, bottom chord, inside: top plate showing holes and section loss. 3LF CS4



Span 13, Lower 41, right, bottom chord, top flange: Corrosion has developed a hole. 1LF CS3



03/20/2024

Span 13, Lower 41, right, bottom chord, top flange:
Corrosion has developed a hole. 3LF CS3



03/14/2024

Span 12, Lower 15, back, Right, bottom chord, Bottom
Plate: Has 3 holes rusted through 3" x 3.5", 2.5" x 2", 1" x
1". 3LF CS4



06/21/2023

Span 12, left lower chord ahead of panel point 16,
bowing in top flange, CS 2 distortion.



06/21/2023

Span 12, right lower chord behind panel point 23, bowing
in the top flange, CS 2 distortion.



Span 14, right lower chord, back of panel point 51, 1/4" section loss to left web, CS 3.



Span 13, Right, Back of L41, top flange: Corrosion with various holes rusted through measuring at 9"x2 1/2" 1"x1 1/4" and 1 1/4" x 1 1/4", CS4



Span 12, panel point 27 left, 1/16" section loss to bottom flange, 1/2" pack rust at gusset, CS 3.



Span 12, left lower chord, right web, 5/16" section loss, CS 3.



06/21/2023

Span 12, right lower chord, holes in the bottom flange at the wind lock location, CS 3. Holes measure 3 x 3.5", 2 x 2.5" and 1 x 1". The bottom flange measures .157" at the thinnest measurable area next to the largest hole. The area extends from the end of the chord back towards panel point 14 for 36". 20% section loss by width, 69% section loss outside of the holes by depth. CS 3.



06/21/2023

Span 12, left lower chord ahead of panel point 10, laminating rust in the bottom flange and section loss in the webs, CS 3.



06/21/2023

Span 11, left lower chord, top flange, section loss around the angles, CS 3.



Maintenance Needs

Date Reported: 01/22/2019

Priority: B - Pressing

Status: Assigned

Type of Work: Superstructure Repair

Component: Element

Deficiency Description

Floorbeams - Combined with Main Truss Spans and Approach Two-Girder Spans.

All defect notes and photos for the floorbeams can be found in the "152-Steel Floorbeam" Elements in their respective span sets.

MAIN TRUSS SPANS

Listed below are the floorbeams with holes in the webs and flanges:

Span 12, Floorbeam 18, Back, Adjacent to Stiffener 7: Active corrosion with a 1" X 5/8" hole in the web. 1LF CS4 corrosion.

Span 12, Floorbeam 20, Back, Adjacent to Stiffener 9: Active corrosion with a 1" X 3/4" hole in the web. 1LF CS4 corrosion.

Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 3: Active corrosion with a 1/2" diameter hole in the web. 1LF CS4 corrosion.

Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 5: Active corrosion with a 10" X 1/2" hole in the web. 1LF CS4 corrosion.

Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 6: Active corrosion with a 4" X 6" hole and a 3" X 1/2" hole in the web. 1LF CS4 corrosion.

Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 7: Active corrosion with a 1/2" diameter hole, 3" X 2 1/2" hole, and a 1" X 3/4" hole in the web. 2LF CS4 corrosion.

Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 3: Active corrosion with a 1/2" diameter hole in the web. 1LF CS4 corrosion.

Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 5: Active corrosion with a 2" X 1 1/2" hole in the web. 1LF CS4 corrosion.

Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 6: Active corrosion with a 2 1/2" X 1 1/2" hole and a 1/2" diameter hole in the web. 1LF CS4 corrosion.

Span 12, Floorbeam 29, Right, Bottom Flange: Active corrosion with a 1/2" diameter hole in the bottom flange. 1LF CS4 corrosion.

Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 5: Active corrosion with a 1" X 1" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.

Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 5: Active corrosion with a 6" X 5" Hole in the web on the left side of the stiffener. 1LF CS4 corrosion.

Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 6: Active corrosion with a 5" X 4" Hole in the web on the left side of the stiffener and a 1 1/2" X 1" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.

Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 7: Active corrosion with a 3" X 2" Hole in the web on the left side of the stiffener and a 1 1/2" X 2 1/4" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.

Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 8: Active corrosion with a 4" X 2" Hole in web. 1LF CS4 corrosion.

Span 13, Ahead Floorbeam at PP43, Ahead, Bottom Flange Cover Plate: Active corrosion with a 29" X 4" Hole in the cover plate. 3LF CS4 corrosion.

Span 14, Floorbeam 51, Back, Top Flange, Above Stringer 1: Active corrosion with section loss causing a 36" X 1/2" area with holes and knife's edge section remaining. 3LF CS4 corrosion.

Span 14, Ahead Floorbeam at PP59, Bottom Flange, below Stringer 2: Active corrosion with a 36" X 3" Hole in the Bottom Flange. 3LF CS4 corrosion.

Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 5: Active corrosion with a 2 1/2" X 3" hole in the web. 1LF CS4 corrosion.

Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 6: Active corrosion with a 1" X 3/8" and 4" X 3/4" holes in the web. 1LF CS4 corrosion.

Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 7: Active corrosion with two 1/2" diameter holes in the web. 1LF CS4 corrosion.

Span 14, Ahead Floorbeam at PP59, adjacent to Stiffener 8: Active corrosion with a 1 1/2" X 1 1/4" hole in the web. 1LF



CS4 corrosion.

Span 14, Ahead Floorbeam at PP59, Stiffener 3: Active corrosion with a 4" X 1 1/4" hole and a 3/4" diameter hole in the web of the floorbeam. 1LF CS4 corrosion.
Span 14, Ahead Floorbeam at PP59, Stiffener 4: Active corrosion with a 3 1/2" X 4" hole and a 1 1/2" diameter hole in the web of the floorbeam. 1LF CS4 corrosion.
Span 14, Ahead Floorbeam at PP59, Stiffener 5: Active corrosion with a 6" X 7 1/2" hole in the web. 1LF CS4 corrosion.
Span 14, Back Floorbeam at PP59, Bottom Flange, Left: Active corrosion with a 2 1/2" X 1" hole in the Bottom Flange. 1LF CS4 corrosion.
Span 14, PP59, Back Floorbeam, Bottom Flange, Left of Windlock: Active corrosion with a 1" X 1 1/4" hole in Bottom Flange. 1LF CS4 corrosion.
Span 15, Floorbeam 72, Adjacent to Stiffener 8: Active corrosion with a 1 1/2" diameter hole in the web. 1LF CS4 corrosion.
Span 15, Floorbeam 72, Back, Above Stringer 3: Active corrosion with section loss causing holes and a knife-edge section remaining to top flange 3'x1". 3LF CS4 corrosion.
Span 15, Floorbeam 73, Ahead, Above Stringer 3: Active corrosion with pack rust and section loss to the Top Flange causing holes and knife's edge section remaining for 16" X 1". 2LF CS4 corrosion.
Span 15, Floorbeam 73, Back, Top Flange, Above Stringer 1: Active corrosion with section loss causing holes for a 32" area along the Top Flange. 3LF CS4 corrosion.

Listed below are areas of active corrosion with holes in the stiffeners:

Span 12, Floorbeam 14, Back, Stiffener 9: Active corrosion with pack rust between the web and the stiffener up to 1/8" and a hole in the bottom of the stiffener. 1LF CS3 corrosion.
Span 12, Floorbeam 18, Ahead, Stiffener 3: Active corrosion with a hole in the bottom of the stiffener. 1LF CS3 corrosion.
Span 12, Floorbeam 21, Ahead, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/4" to the bottom flange angle connection, along with a hole in the stiffener. 1LF CS3 corrosion.
Span 12, Floorbeam 24, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.
Span 12, Ahead Floorbeam at PP25, Stiffeners 6 and 7: Active corrosion with holes in the stiffeners. 2LF CS3 corrosion.
Span 12, Floorbeam 29, Right, Bottom Flange: Active corrosion with a 1/2" diameter hole in the bottom flange. 1LF CS4 corrosion.
Span 13, Floorbeam 42, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.
Span 13, Ahead Floorbeam at PP43, Back, Stiffeners 5 - 7: Active corrosion with holes in the stiffeners. 3LF CS3 corrosion.
Span 13, Back Floorbeam at PP43, Ahead, Stiffeners 3 - 6: Active corrosion with holes in the stiffeners. 4LF CS3 corrosion.
Span 14, Floorbeam 52, Back and Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.
Span 14, Floorbeam 54, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.
Span 14, Floorbeam 54, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 1/4" to the bottom flange angle connection, along with a hole in the stiffener. 1LF CS3 corrosion.
Span 14, Floorbeam 57, Back, Stiffeners 3, 6 and 7: Active corrosion with holes in the stiffeners. 3LF CS3 corrosion.
Span 14, Floorbeam 58, Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 2LF CS3 corrosion.
Span 14, Floorbeam 62, Back, Stiffener 4: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.
Span 14, Floorbeam 62, Back, Stiffeners 2 and 3: Active corrosion with holes in the stiffeners. 2LF CS3 corrosion.
Span 15, Floorbeam 72, Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.

APPROACH TWO-GIRDER SPANS.

Span 4, Cross-Girder, Back of Assembly Joint: Active corrosion with a 2" X 1" hole in the Bottom Flange along with a 12" area of the bottom flange at a knives edge remaining thickness. 2LF CS4 corrosion.
Span 7, Floorbeam 6, Bottom flange, Right of Windlock: Active corrosion with a 1" diameter hole in the bottom flange. 1LF CS4 corrosion.
Span 19, Floorbeam 2, Back, Right of Stiffener 1: Active corrosion with a 16" X 1" hole in the Top Flange. 2LF CS4 corrosion.
Span 19, Floorbeam 2, Back, Right of Stiffener 1: Active corrosion with section to the web up to 3/8" and a 5" X 1 1/4" hole in the Bottom Flange. 1LF CS4 corrosion.
Span 21, Floorbeam 6: Heavy active corrosion with moderate to heavy section loss to the flanges and web. Full-Length CS3 corrosion.

Remarks

ARDOT and MDOT preparing plans for major bridge retrofit. 5/1/2024 KAW
Assigned to contract rehabilitation set to let in early 2026. 5/1/2025 KAW



Span 19, Floorbeam 3, Back, Near Stiffener 2: Active corrosion with multiple areas of section loss, with section loss up to 3/8" to the bottom flange and lower web. Stiffener 2 has a 4" tall hole. 5LF CS3 corrosion.



Span 19, Floorbeam 2, Back, Right of Stiffener 1: Active corrosion with a 16" X 1" hole in the Top Flange. 2LF CS4 corrosion.



Span 19, Floorbeam 2, Back, Right of Stiffener 1: Active corrosion with section to the web up to 3/8" and a 5" X 1 1/4" hole in the Bottom Flange. 1LF CS4 corrosion.



Span 13, Floorbeam 42, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.



Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 8: Active corrosion with a 4" X 2" Hole in web. 1LF CS4 corrosion.



Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 7: Active corrosion with a 3" X 2" Hole in the web on the left side of the stiffener and a 1 1/2" X 2 1/4" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.



Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 5: Active corrosion with a 1" X 1" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.



Span 14, PP59, Back Floorbeam, Bottom Flange, Left of Windlock: Active corrosion with a 1" X 1 1/4" hole in Bottom Flange. 1LF CS4 corrosion.



04/09/2026

Span 14, Ahead Floorbeam at PP59, Stiffener 4: Active corrosion with a 3 1/2" X 4" hole and a 1 1/2" diameter hole in the web of the floorbeam. 1LF CS4 corrosion.



04/09/2026

Span 14, Ahead Floorbeam at PP59, Stiffener 5: Active corrosion with a 6" X 7 1/2" hole in the web. 1LF CS4 corrosion.



04/09/2026

Span 14, Floorbeam 52, Back and Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.



04/09/2026

Span 14, Floorbeam 51, Back, Top Flange, Above Stringer 1: Active corrosion with section loss causing a 36" X 1/2" area with holes and knife's edge section remaining. 3LF CS4 corrosion.



Span 15, Floorbeam 72, Adjacent to Stiffener 8: Active corrosion with a 1 1/2" diameter hole in the web. 1LF CS4 corrosion.



Span 7, Floorbeams 6 and 7: Moderate to heavy corrosion to the webs and the bottom flange, as well as heavy corrosion to the windlock. 12LF CS3 corrosion.



Span 7, Floorbeam 6, Bottom flange, Right of Windlock: Active corrosion with a 1" diameter hole in the bottom flange. 1LF CS4 corrosion.



Span 13, Floorbeam 42, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.



Span 12, Floorbeam 29, Right, Bottom Flange: Active corrosion with a 1/2" diameter hole in the bottom flange. 1LF CS4 corrosion.



Span 12, Floorbeam 24, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.



03/21/2024
Span 14, Floor beam 59, Ahead, Bottom web juncture, Adjacent to the 4th stiffener from L59, Left: Has active corrosion with a 1" x 1 3/8" hole and a 2.25" x 2.75" hole. 1LF CS4



03/21/2024
Span 14, Floor beam 59, Ahead, left, Bottom web juncture, Adjacent to the 4th stiffener from L59: Has active corrosion with a 1" x 1 3/8" hole and a 2.25" x 2.75" hole. 1LF CS4



03/20/2024
Span 13, Floor beam 43, ahead, stiffener 7: Has a 2 1/2" x 2" on the left and a 1 1/2" x 2" hole on the right. 1LF CS4



06/21/2023
Span 13, floor beam 43, ahead, 3 x 1 1/2" hole in the web at stiffener 5. CS 3.



06/21/2023
Span 13, Floor beam 43, ahead, 1 1/4 x 2" hole in the web at stiffener 8. CS 3.



06/21/2023
Span 13, Floor beam 43, ahead, 1 x 3/4" on the left and 1 1/4 x 1 3/4" on the right, holes at stiffener 7. CS 3.



06/21/2023

Span 13, Floor beam 43, ahead, stiffener 6 has a 2 x 2 1/2" hole in the web on the left side and a 1/2 x 3/4" on the right side. CS 3,



06/21/2023

Span 14, Floor beam 59, ahead, 1 x 1" hole in web at stiffener 8 left side. CS 3.



06/21/2023

Span 14, Floor beam 59, ahead, 2 1/2" x 2 3/4" hole in web on the right side of stiffener 5. CS 3.



06/21/2023

Span 14, Floor beam 59, ahead, 5 1/2" x 7 1/2" hole in web on the left side of stiffener 5. CS 3.



Span 14, Floor beam 59, ahead, 1" x 1 3/8" hole in the web on the left side of stiffener 4, 2 1/4" x 2 3/4" hole on the right side. CS 3.



Span 14, Floor beam 59, ahead, 1/2" x 1/2" hole in the web on the left side of stiffener 3, 1/2" x 2 1/4" hole on the right side. CS4



Span 15, Floor beam 72, stiffener 8, 1 1/2" x 1 3/4" hole, CS3.



Span 12, Floor beam 25, ahead stiff 8, 3 x 3" hole on the left side of the stiffener, CS3



06/21/2023

Span 12, Floor beam 25, ahead stiffener 7, 1/2" diameter hole, 3 x 2 1/2" hole on the left side of the stiffener and a 3/4 x 1" hole on the right side of the stiffener. CS 3.



06/21/2023

Span 12, Floor beam 25, ahead, stiffener 6, 2 1/2 x 1/2", 3 x 3 1/2" holes on the left side, 3 x 1/2" hole on the right side. CS 3.



06/21/2023

Span 12, Floor beam 25, back, stiffener 6, 1 x 1 1/4" hole in the web, CS 3.



06/17/2020

PP 25 ahead floor beam: 2 small holes in the web of the floor beam due to active corrosion.



PP 25: A 2"x1 1/2" hole in the web of the ahead floor beam.



PP43 ahead floor beam: Hole in the web of the floor beam due to corrosion.



Maintenance Needs

Date Reported: 12/02/2010

Priority: C - Important

Status: Monitor

Type of Work: Superstructure Repair

Component:

Deficiency Description

DECK JOIST

Deck joist throughout the structure have active corrosion with flaking rust, pack rust and section loss. All photos and notes can be found in the element "107-Steel Open Girder/Beam" in the Main Truss Span Set.

Span 11, Deck Joist, Floorbeam 8, Back, Adjacent to Stringer 1: Active corrosion with a 16" X 2 1/2" Holes in the deck joist, causing distortion at Stringer 1. 2LF CS4 corrosion.

Span 12, Deck Joist, Back of Floorbeam 22, above Stringer 2: Active corrosion with a 2 1/2" X 1" Hole in the bottom flange of the Deck Joist. 1LF CS4 corrosion.

Span 12, Deck Joist, Back of Floorbeam 22, above Stringer 3: Active corrosion with a 1 1/2" X 1/2" Hole in the bottom flange of the Deck Joist. 1LF CS4 corrosion.

Span 14, First Deck Joist ahead of Floorbeam 53, Above Stringer 2: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.

Span 14, First Deck Joist ahead of Floorbeam 53, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.

Span 14, Last deck joist before Floorbeam 62, Stringer 1: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.

Span 14, Last deck joist before Floorbeam 62: Active corrosion with a 22" X 1 1/2" Hole in the web along the top web juncture. 2LF CS4 corrosion.

Span 14, Last deck joist before PP59, Stringer 2: Active corrosion with pack rust, causing a fracture in the bottom flange of the deck joist on both the ahead and back side, making a "Half-Moon" shape around the stringer connection bolts. 1LF CS3 crack.

Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 1: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.

Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 2: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.

Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.

Span 15, First Deck Joist ahead of Floorbeam 71, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.

Remarks

clean and paint reinforce as necessary.

* indicates maintenance items can be removed. HBM has repaired these areas.



Span 13, Last Deck Joist before PP43, Over Stringer 3: Active corrosion with pack rust, causing distortion along the bottom flange. 1LF CS3 distortion. Typical at this location.



Span 15, First Deck Joist ahead of Floorbeam 66, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.



Span 14, Last deck joist before PP59, Stringer 1: Active corrosion with pack rust up to 1 3/4" between the bottom flange of the deck joist and the top flange of the stringer, causing distortion in both the deck joist and the stringer. 2LF CS3 distortion.



Span 14, Last deck joist before PP59, Stringer 2: Active corrosion with pack rust, causing a fracture in the bottom flange of the deck joist on both the ahead and back side, making a "Half-Moon" shape around the stringer connection bolts. 1LF CS3 crack.



Span 14, Last deck joist before PP59, Stringer 2: Active corrosion with pack rust, causing a fracture in the bottom flange of the deck joist on both the ahead and back side, making a "Half-Moon" shape around the stringer connection bolts. 1LF CS3 crack.



Span 14, Last deck joist before PP59, Stringer 2: Active corrosion with pack rust, causing a fracture in the bottom flange of the deck joist on both the ahead and back side, making a "Half-Moon" shape around the stringer connection bolts. 1LF CS3 crack.



Span 14, First Deck Joist ahead of Floorbeam 53, Above Stringer 2: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.

Span 14, First Deck Joist ahead of Floorbeam 53, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.



Span 15, First Deck Joist ahead of Floorbeam 71, Above Stringer 3: Active corrosion with a hole in the bottom flange of the deck joist. 1LF CS4 corrosion.



04/09/2026

Span 12, Deck Joist, Back of Floorbeam 22, above Stringer 2: Active corrosion with a 2 1/2" X 1" Hole in the bottom flange of the Deck Joist. 1LF CS4 corrosion.



04/01/2024

Span 15, 1st deck joist, back of floor beam 59, above stringer 2: Bottom flange has a 10" crack. CS3



04/01/2024

Span 15, 1st deck joist, back of floor beam 59, above stringer 2: Bottom flange has a 10" crack. CS3



12/10/2020

Panel point 18 stringer 1 active corrosion with section loss to the transverse stiffener



Panel point 46 stringer 1 transverse stinger active corrosion with section loss (Bk)



Panel point 62 stringers 1-3 active corrosion with up to 100% section loss on transverse stringer due to open joint



Due to open joint at panel point 66 transverse stringer at 1-3 have advanced section loss with up to 100%



Panel point 71 transverse stringer adjacent to stringer 3 active corrosion with up to 100% section loss



12/10/2020

Panel point 15 stringer 1 section typical at joint locations



06/17/2020

PP 66, Ahead, Stringer 2, Deck Joist, Bottom Flange: Knife edge section loss.



06/17/2020

PP 56, Stringer 2, Ahead, Deck Joist: Floating. Missing shim plate.



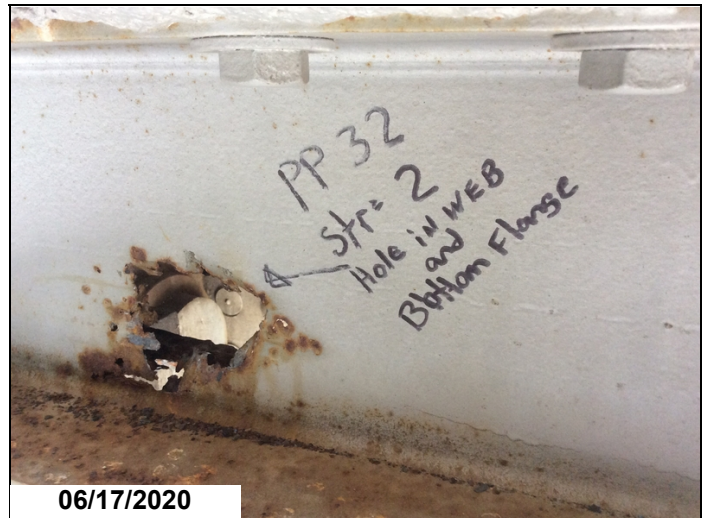
06/17/2020

PP 32: Hole corroded through bottom flange of deck joist at Str 2.



06/17/2020

PP 36: Repaired area above Str 2.



06/17/2020

PP 32: Hole in web and bottom flange of deck joist at Str 2.



Maintenance Needs

Date Reported: 02/09/2012

Priority: C - Important

Status: Monitor

Type of Work: Superstructure Repair

Component: Superstructure

Deficiency Description

PIN AND HANGER ASSEMBLIES

Each windlock, and the pin and hanger assemblies, have heavy corrosion from flaking rust and pack-to-section loss. Listed below are the worst cases of corrosion:

Approach Two-Girder Spans Pin and Hanger Assemblies:

Span 4, Girders 1 & 2, Hanger bars: Corrosion with flaking rust, CS3

Span 4, Girder 1, Pin and Hanger Assembly: 5/8" gap between Girder 1 and Floorbeam 1 in Span 4. 66 degree air temperature.

Span 4, Girder 2, Pin and Hanger Assembly: 7/16" gap between Girder 1 and Floorbeam 1 in Span 4. 66 degree air temperature.

Span 7, Girder 1, Pin and Hanger Assembly: Active corrosion with section loss to the back side of the hanger bar ranging from 3/16" to 1/4". 1EA CS3 corrosion.

Span 7, Girder 2, Pin and Hanger Assembly: Active corrosion with section loss to the back side of the hanger bar ranging from 3/16" to 1/4". 1EA CS3 corrosion.

Span 19, Girder 1, right hanger of pin and hanger assembly: corrosion with up to 3/8" section loss to back side of hanger bar at lower pin section. 1EA CS3 corrosion.

Span 19, Girder 2, Pin and Hanger Assembly: Back side of inside hanger bar has section loss ranging from 1/4" to 3/8". 1EA CS3 corrosion.

Main Truss Spans Pin and Hanger Assemblies:

Span 12, Ahead of Floorbeam 12 Hanger Bar, Stringer 2: Corrosion with flaking rust, pack rust (between the hanger bar and stringer), and section loss up to 1", CS3

Span 12, Back of Floorbeam 15, Hanger Bar, Stringer 2: Corrosion with flaking rust and pack rust between the hanger bar and web of the stringer, CS3

Span 12, Ahead of Floorbeam 18, Hanger Bars, Stringers 1-3: Corrosion with flaking rust, pack rust, and section loss ranging from 1/8" to 1/4", CS3

Span 12, Back of Floorbeam 22, Hanger Bars, Stringers 1-3: Corrosion with flaking rust, pack rust, and section loss ranging from 1/8" to 1/4", CS3

Span 14, Ahead of Floorbeam 50, Each hanger bar and stringer has active corrosion with flaking rust and section loss ranging from 1/16" to 1/8", CS3

Span 14, Ahead of Floorbeam 53, Each hanger bar and stringer has active corrosion with flaking rust and section loss ranging from 1/16" to 1/8", CS3

Span 14, Back of Floorbeam 62, Each hanger bar and stringer has active corrosion with flaking rust and section loss ranging from 1/16" to 1/4", CS3

Span 15, Floorbeam 68, Back, Pin connections 1-3: Corrosion with flaking rust and pack rust between the hanger bar and stringer, CS3

Span 15, Floorbeam 71 Back, Pin connection at Stringer 2 and 3: Corrosion with flaking rust and pack rust between the hanger bar and stringer, CS3

Remarks

ARDOT and MDOT preparing plans for major bridge retrofit. 5/1/2024 KAW



Span 12, Floorbeam 12, Stringer 2, Pin and Hanger Assembly: Active corrosion with pack rust between the stringer web and the hanger bar, along with the pin and hanger appearing to be frozen. 1EA CS3 corrosion.



Span 19, Girder 2, Bottom Flange Angle, below Pin and Hanger Assembly: Active corrosion with section loss up to 3/8.



Span 13, Floorbeam 36, Stringer 2, Pin and Hanger Assembly: Assembly is moving vertically under live load.



Span 14, Floorbeam 68, Stringer 2, Pin and Hanger Assembly: Assembly is moving vertically under live load.



Span 14, Stringers 1 - 3, Back of Floorbeam 62, Pin and Hanger Assembly: Active corrosion with pack rust up to 1/2" between stringer and hanger bar. 3LF CS3 corrosion.



Span 14, Floorbeam 56, Stringer 3, Pin and Hanger Assembly: Assembly is moving vertically under live load.



Span 14, Floorbeam 50, Stringer 2, Pin and Hanger Assembly: Assembly is moving vertically under live load.



Span 12, floor beam 18 ahead, stringer 2, up to 1/2" section of the 8" wide hanger is lost. Pin and hanger is frozen. 1EA, CS3.



04/09/2026

Span 11, Floorbeam 8, Stringer 2, Pin and Hanger Assembly: Pin and Hanger assembly is frozen. 1EA CS3 movement.



03/21/2024

Span 14, Floor beam 59, Bottom flange, along the Windlock: Has heavy corrosion with 30" x 2" of 100% section loss. 3LF CS4



12/10/2020

Girder 4 span 4 flaking rust with active corrosion on hanger at bottom pin



12/10/2020

Typical pin and hangers span 4



Span 7 hanger bars active corrosion.



Joint 4A: Hanger bar assembly has active corrosion.

Maintenance Needs

Date Reported: 02/09/2012

Priority: C - Important

Type of Work: Superstructure Repair

Status: Monitor

Component: Superstructure

Deficiency Description

WIND LOCKS:

Span 12, Ahead of Floor Beam 25, Bottom Flange: heave corrosion with flaking rust, laminated rust, pack rust, and 27" of section loss ranging from knife edge to 100%, CS4

Span 12, Ahead of Floor Beam 25, Bottom Flange (Cover Plate): Corrosion with a 25" x 3" hole, CS4

Span 13, Ahead of Floor Beam 43, Bottom Flange (Cover Plate): Corrosion with a 25" x 4" hole, the centerline of the cover plate, CS4

Span 14, Ahead of Floor Beam 59, Bottom Flange (Cover Plate): Corrosion with a 30" x 2" hole rusted through the centerline of the cover plate, CS4

Remarks

ARDOT and MDOT preparing plans for major bridge retrofit. 5/1/2024 KAW



Span 19, Floorbeam 3, Windlock Gusset: Active corrosion with section loss and two 1" Diameter holes.



Span 19, Windlock: Heavy active corrosion.



Span 13, PP43, Windlock: Severe corrosion.



Span 14PP59, wind lock: Heavy corrosion.



Span 7, Back of Floorbeam 6, Windlock: Active corrosion with moderate to heavy flaking rust and section loss. CS3 corrosion.



Span 4, Windlock: Moderate to Heavy corrosion.



Span 12, panel point 25, 9/16" section loss to the windlock.



Span 12, PP15, Windlock: Heavy corrosion. CS3 corrosion.



Span 12, floor beam 25 ahead, bottom flange has a 19" x 3" hole above wind lock. CS 3.



Span 12, panel point 25 wind lock, 9/16" section loss, pack rust, cs 3.



PP 59: Ahead FB has heavy corrosion and SL to bottom flange at Wind lock, also web stiffener at CL has hole rusted through the bottom.



Windlock at PP15: Heavy amounts of corrosion and debris.



Panel point 43 wind lock has active corrosion with pack rust



PP 43: Wind lock has sever SL.

Maintenance Needs

Date Reported: 02/10/2012

Priority: C - Important

Type of Work: Superstructure Repair

Status: Monitor

Component: Element

Deficiency Description

Approach Span Stringers.

Each stringer at the joints in spans 4, 7, and 9 has corrosion with flaking rust and section loss ranging from knife-edge to 1/8" along the web and top and bottom flanges.

Span 21, Abutment 2, Stringer 2: Active corrosion with an area of 3" X 1" of knife-edge section remaining, along with a 1" Diameter hole in the web along the bottom web juncture. 1LF CS4 corrosion.

Remarks

ARDOT and MDOT preparing plans for major bridge retrofit. 5/1/2024 KAW



Span 21, Abutment 2, Stringer 2: Active corrosion with an area of 3" X 1" of knife's edge section remaining along with a 1" Diameter hole in web along the bottom web juncture. 1LF CS4 corrosion.



Abutment 2, stringer 1: Corrosion with flaking rust and a 3" x 1" hole along the bottom web juncture. 1LF CS4



Abutment 2, stringer 1: Corrosion with flaking rust and a 3" x 1" hole along the bottom web juncture. 1LF CS4



Span 21, floor beam 6, stringer 1 has a 3"x1" hole in the web, CS 3.

Maintenance Needs

Date Reported: 02/09/2015

Priority: C - Important

Type of Work: Substructure Repair

Status: Monitor

Component: Substructure

Deficiency Description

Abutment 1: Rotation along the backwall, rotating towards Pier 1 and causing the joint to close.
Abutment 1, Left of Girder 1: Rotated 7/8" per Two feet towards Pier 1.
Abutment 1, Bay 1: Rotated 1" per Two feet towards Pier 1.
Abutment 1, Bay 2: Rotated 1" per Two feet towards Pier 1.
Abutment 1, Bay 3: Rotated 1" per Two feet towards Pier 1.
Abutment 1, Right of Girder 4: Rotated 1" per Two feet towards Pier 1.

Remarks



04/28/2026

Abutment 1: Rotation along the backwall, rotating towards Pier 1 and causing the joint to close.



04/28/2026

Abutment 1, Left of Girder 1: Rotated 7/8" per Two feet towards Pier 1.



04/28/2026

Abutment 1, Bay 1: Rotated 1" per Two feet towards Pier 1.
Abutment 1, Bay 2: Rotated 1" per Two feet towards Pier 1.



04/28/2026

Abutment 1, Bay 3: Rotated 1" per Two feet towards Pier 1.
Abutment 1, Right of Girder 4: Rotated 1" per Two feet towards Pier 1.



04/28/2026

Abutment 1, Joint: Fingers closed due to rotation in abutment.



06/17/2020

Joint armor is broke and back wall has 1/12" diagonal crack extending the full height of back wall. The back wall appears to be rotated forward.



Abutment 1, Right, Backwall: Spalling.



North abutment assembly joint has closed up due to back-wall rotated forward.

Maintenance Needs

Date Reported: 04/01/2024

Priority: C - Important

Type of Work: Superstructure Repair

Status: RepairDocumented

Component: Superstructure

Deficiency Description

Span 14, Truss 2, Lower Chord, Left, PP61, Back, Top flange to web Angle connection: Arrested crack in angle. 3LF CS2 crack.

Remarks

2026 - Moved from "Assigned" to "RepairDocumented" due to crack being arrested.

ARDOT and MDOT preparing plans for major bridge retrofit that will include select plating of the bottom chord. 5/1/2024
KAW

Due to the internal redundancy nature of the built up member, the crack will not propagate out of the angle into the top flange or the web plate.



Span 14, Truss 2, Lower Chord, Left, PP61, Back, Top flange to web Angle connection: Arrested crack in angle. 3LF CS2 crack.



Span 14, Truss 2, Lower Chord, Left, PP61, Back, Top flange to web Angle connection: Arrested crack in angle. 3LF CS2 crack.



04/28/2026

Span 14, Truss 2, Lower Chord, PP61 - 62, Left Top angle connection: Active corrosion with section loss up to 1/8". 2LF CS3 corrosion.



04/28/2026

Span 14, Truss 2, Lower Chord, Left, PP61, Back, Top flange to web Angle connection: Arrested crack in angle. 3LF CS2 crack.



04/28/2025

Span 14, L61, Right, lower chord, back, inside web: 3'3" arrested crack. 3LF CS



04/01/2024

L61, Ahead, Right: 3'-3" Crack on the upstream face of the top flange angle plate. CS3



04/01/2024

L61, Ahead, Right: 3'-3" Crack on the upstream face of the top flange angle plate. CS3



04/01/2024

L61, Ahead, Right: 3'-3" Crack on the upstream face of the top flange angle plate. CS3



04/01/2024

L61, Ahead, Right: 3'-3" Crack on the upstream face of the top flange angle plate. CS3

Maintenance Needs

Date Reported: 03/03/2025

Priority: C - Important

Type of Work: Deck Repair

Status: Repair Documented

Component: Deck

Deficiency Description

Bent 1, large pothole in the approach roadway at the joint.
Abutment 1, Approach Roadway: Pot hole has been filled in with asphalt.

Remarks

Assigned to Contract Rehabilitation. Set to let early 2026. KAW 5/1/2025



04/30/2026

Abutment 1, Approach Roadway: Pot hole has been filled in with asphalt.



03/10/2025

Bent 1, large pothole in the approach roadway at the joint.

Maintenance Needs

Date Reported: 03/27/2025

Priority: C - Important

Type of Work: Superstructure Repair

Status: Assigned

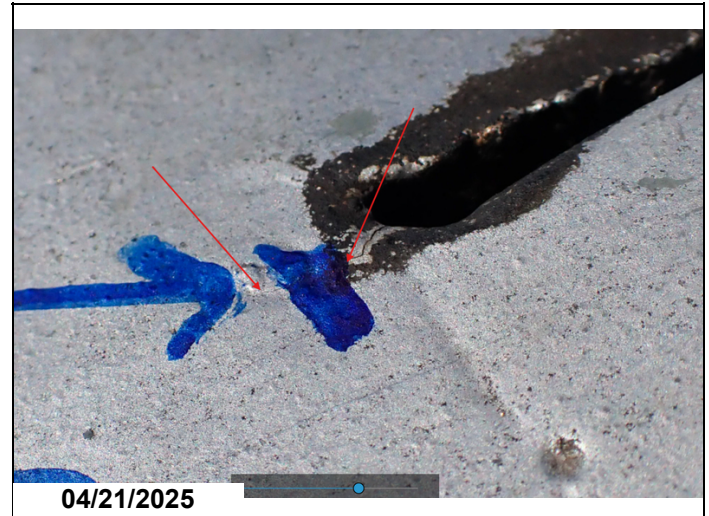
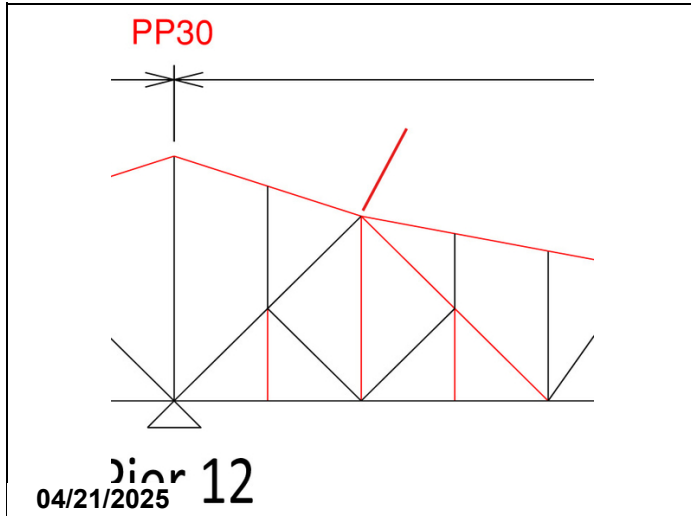
Component: Superstructure

Deficiency Description

Span 13, U32, Left, upper splice plate at the reentrant corner of the cope: 1/4-inch-long crack. 1LF CS3

Remarks

Assigned to Contract Rehabilitation. Set to let early 2026. KAW 5/1/2025
2026 - The man lift used by Bridge Operations is not tall enough to reach this location. Climbers were not at this inspection. This location will be looked at again during the 2027 inspection.



Maintenance Needs

Date Reported: 04/28/2025

Priority: C - Important

Type of Work: Deck Repair

Status: Assigned

Component: Deck

Deficiency Description

MAIN SPAN DECK

The main spans deck has moderate cracking throughout. 3314 CS3
Transverse cracks and abrasion in spans 11 through 15 is typical.
Exposed rebar with section loss on the edges of the deck in all spans.

Driving surface:

Span 11, Panel point 1, large spall with exposed rebar. 6SF CS3
Span 11, sound patches in both lanes, 902SF, CS2.
Span 12, sound patches and moderate spall with exposed rebar. 1602SF CS2, 4SF CS3.
Span 13, sound patches in both lanes, 1520 SF, Moderate spalls in both lanes. 12SF, CS3.
Span 13, Panel point 35, right lane: moderate spall with exposed rebar. 6SF CS3
Span 14: Sound patches, 1250SF, CS2, and moderate spalling. 4SF CS3
Span 15: sound patches in the gutters and edges of the travel lanes, 955SF, CS2.
Span 15, Panel point 67: moderate spalls. 2LF CS3

Undersurface:

Span 11, westbound lane, near panel point 7: moderate spall with exposed rebar. 9SF CS3
Span 11, ahead of floor beam 2, right side: has a 2' x 2' by 6" deep spall in the under surface. 4SF CS3

Remarks

Assigned to Contract Rehabilitation. Set to let early 2026. KAW 5/1/2025



PP15 - PP18: 305SF of CS2 delam/patched areas and 73SF of CS3 spalling and unsound patched areas, along with 1SF of CS3 exposed reinforcing steel.



PP8 - PP12: 156SF of CS2 delam/patched areas and 68SF of CS3 spalling and unsound patched areas, along with 3SF of CS3 exposed reinforcing steel.



Back of PP 3, Arkansas bound: 4 Span& CS3 exposed reinforcing steel.



Span 13, Left overhang, between PP41 and 42:



Typical overhang condition.



Span 11, right, back from pier 11: has concrete deterioration and spalling with exposed rebar with section loss. 50SF CS3



Span 11, ahead of floor beam 2, right side: has a 2' x 2' by 6" deep spall in the under surface. 4SF CS3



Span 11, Panel point 1: large spall with exposed rebar. 6SF CS3



Span 12, eastbound lane: sound patches and moderate spall with exposed rebar. 120SF CS2, 4SF CS3



Span 13, Panel point 35, right lane: moderate spall with exposed rebar. 6SF CS3



Maintenance Needs

Date Reported: 04/30/2026

Priority: C - Important

Status: Open

Type of Work: Superstructure Repair

Component: Superstructure

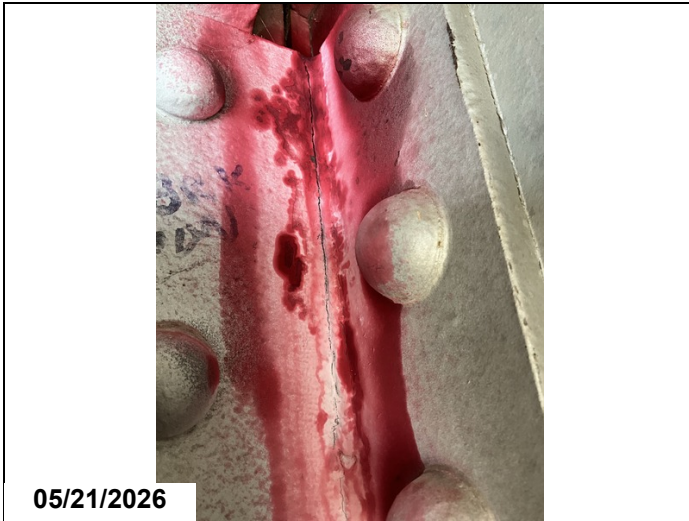
Deficiency Description

Main Truss Spans - Stringers

Listed below are Stringers with missing or sheared rivets/bolts:

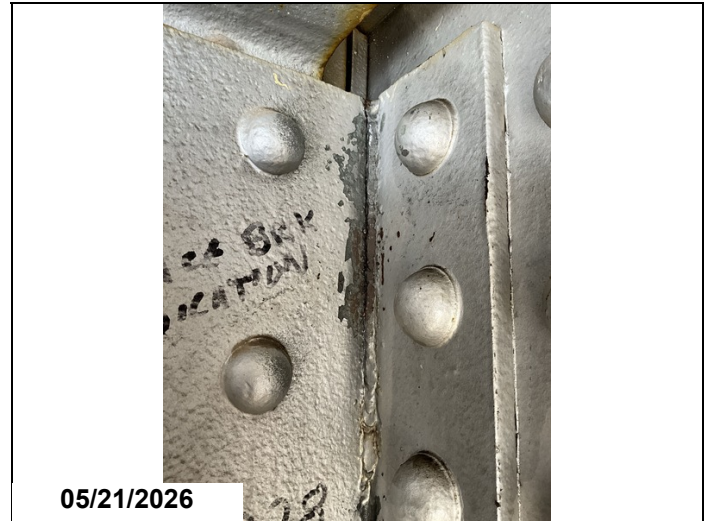
Span 11, Stringer 3, Floorbeam 2, Back: Missing Rivet. 1LF CS3 connection.
Span 11, Stringer 3, Floorbeam 7, Back: Sheared bolt. 1LF CS3 connection.
Span 12, Stringer 1, Floorbeam 18, Ahead: One sheared rivet head. 1LF CS3 connection.
Span 12, Stringer 2, Floorbeam 12, Back: Two sheared rivet heads. 1LF CS3 connection.
Span 12, Stringer 2, Floorbeam 15, Ahead: One sheared rivet head. 1LF CS3 connection.
Span 12, Stringer 2, Floorbeam 28, Back: One sheared rivet head. 1LF CS3 connection.
Span 12, Stringer 3, Floorbeam 12, Back: Three sheared rivet heads. 1LF CS3 connection.
Span 12, Stringer 3, Floorbeam 18, Ahead: Two sheared rivet heads. 1LF CS3 connection.
Span 13, Stringer 1, Floorbeam 36, Ahead: One sheared rivet head. 1LF CS3 connection.
Span 13, Stringer 1, Floorbeam 37, Ahead: One sheared rivet head. 1LF CS3 connection.
Span 13, Stringer 1, Floorbeam 42: Two sheared bolts. 1LF CS3 connection.
Span 13, Stringer 1, Floorbeam 44: Missing rivet. 1LF CS3 connection.
Span 13, Stringer 1, Floorbeam 46, Ahead: Two sheared rivet heads. 1LF CS3 connection.
Span 13, Stringer 2, Floorbeam 36, Ahead: Three total sheared rivet heads. 1LF CS3 connection.
Span 13, Stringer 2, Floorbeam 40, Ahead: One sheared rivet head. 1LF CS3 connection.
Span 13, Stringer 3, Floorbeam 36, Ahead: One sheared rivet head. 1LF CS3 connection.
Span 13, Stringer 3, Floorbeam 37, Ahead: Missing bolt. 1LF CS3 connection.
Span 13, Stringer 3, Floorbeam 41, Back: One missing bolt. 1LF CS3 connection.
Span 13, Stringer 2, Floorbeam 43, Back: One sheared rivet head. 1LF CS3 connection.
Span 13, Stringer 3, Floorbeam 46, Ahead: One sheared rivet heads. 1LF CS3 connection.
Span 14, Stringer 1, Floorbeam 48, Ahead: Two sheared rivet heads. 1LF CS3 connection.
Span 14, Stringer 1, Floorbeam 50, Back: One sheared rivet head. 1LF CS3 connection.
Span 14, Stringer 1, Floorbeam 51: Missing rivet. 1LF CS3 connection.
Span 14, Stringer 1, Floorbeam 61: Missing and sheared rivets. 1LF CS3 connection.
Span 14, Stringer 1, Floorbeam 62: Missing bolt. 1LF CS3 connection.
Span 14, Stringer 2, Floorbeam 55: Sheared rivet head. 1LF CS3 connection.
Span 14, Stringer 3, Floorbeam 57: Sheared rivet head. 1LF CS3 connection.
Span 14, Stringer 3, Floorbeam 62: Sheared rivet head. 1LF CS3 connection.
Span 15, Stringer 1, Floorbeam 69: Two missing rivets and one sheared rivet head. 1LF CS3 connection.
Span 15, Stringer 1, Floorbeam 70: One missing bolt. 1LF CS3 connection.
Span 15, Stringer 2, Floorbeam 69, Ahead: Two sheared rivet heads. 1LF CS3 connection.
Span 15, Stringers 1 and 2, Floorbeam 66: Sheared rivet head. 2LF CS3 connection.
Cracks in Stringer to Floorbeam Connections:
Span 12, Stringer 2 to Floorbeam 28 Connection, Ahead: 11" crack in the welded connection. 1LF CS3 crack.
Span 12, Stringer 1, Left, Floorbeam 12, Back: 4 1/2" crack in the left floor beam to stringer connection angle, 2 missing rivets. 1LF CS3 crack.

Remarks



05/21/2026

Span 12, Stringer 2 to Floorbeam 28 Connection, Ahead:
11" crack in the welded connection. 1LF CS3 crack.



05/21/2026

Span 12, Stringer 2 to Floorbeam 28 Connection, Ahead:
11" crack in the welded connection. 1LF CS3 crack.



05/21/2026

Span 12, Stringer 1, Left, Floorbeam 12, Back: 4 1/2"
crack in the left floor beam to stringer connection angle, 2
missing rivets. 1LF CS3 crack.



04/16/2026

Span 13, Stringer 1, Floorbeam 42: Two sheared bolts.
1LF CS3 connection.



Span 13, Stringer 1, Floorbeam 44: Missing rivet. 1LF CS3 connection.



Span 15, Stringer 1, Floorbeam 70: One missing bolt. 1LF CS3 connection.



Span 15, Stringer 2, Floorbeam 69, Ahead: Two sheared rivet heads. 1LF CS3 connection.



Span 14, Stringer 3, Floorbeam 62: Sheared rivet head. 1LF CS3 connection.



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	Yes
A-58 - Cap Cleaning/Flushing Needed	No
A-59 - Joint Repair Needed	Yes
A-60 - Full Beam Painting Needed	Yes
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	Yes
A-65 - Clogged deck drains?	
A-66 - Approach minor pothole/leveling needed	

A-54 - Sealable Deck Cracks (Yes)

The deck has numerous sealable deck cracks. The deck will be replaced under job #110812.

A-55 - Deck Washing Needed (Yes)

Gutter lines are full of debris.



Deck washing could be used.

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

The assembly joints have debris impaction and build-up where they are still intact.

A-57 - Girder End and Bearing Painting Needed (Yes)

Each of the bearings has corrosion ranging from fretting rust to flaking rust and pack rust. The worst case for corrosion was at the West and East abutments.

A-58 - Cap Cleaning/Flushing Needed (No)

A-59 - Joint Repair Needed (Yes)

Pourable joints and finger joint seals are missing, torn, or split.



Abutment 1, Joint: Fingers closed due to rotation in abutment.



PP3: Joint loose in Arkansas bound lane 9'.



PP8, Joint: Cracked and loose for 56" on Mississippi bound lane.



Span 19, pin and hanger joint: trough torn full length of joint. LF CS4



Span 14, PP59, Joint seal and angle connection plate: Corroded and broken away from the connection areas, causing the joint seal and angles to have little to no effectiveness.

A-60 - Full Girder Painting Needed (Yes)

Approach Spans:

Girders, Floorbeams, and Bearings have a failed paint system that needs to be fixed. The paint is chalky, with areas of flaking rust. The corrosion ranges from surface rust to isolated areas of flaking rust. The worst cases of corrosion were between the bottom flange and the bottom flange cover plate, splice plate connections, and along the edges of the top flanges.

Main Spans:

The bottom chord, floor beams, and bearings have corrosion ranging from fretting rust to areas of flaking rust, pack rust, and laminated rust to areas of section loss. The worst case for corrosion along the bottom chord was the inside portion of the lower chord. The worst case for corrosion along the floor beams was at each joint location.



Span 8, Girder 2, Second Field Splice Plate.



Span 13, Truss 2, Inside of the Lower Chord, PP45,
Back: Heavy Active corrosion with heavy flaking rust
along top of Bottom Flange and inside webs. 10LF CS3
corrosion.

A-61 - Polymer Overlay Advised (Yes)

The approach spans are in great condition overall and would greatly benefit from a polymer overlay due to numerous open deck cracks.



Approach Spans: Transverse cracking and abrasion.

A-62 - Hydro and LMC Advised (No)

The bridge is getting a new deck under job #110812.

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

A-64 - Vegetation Removal Requested (Yes)

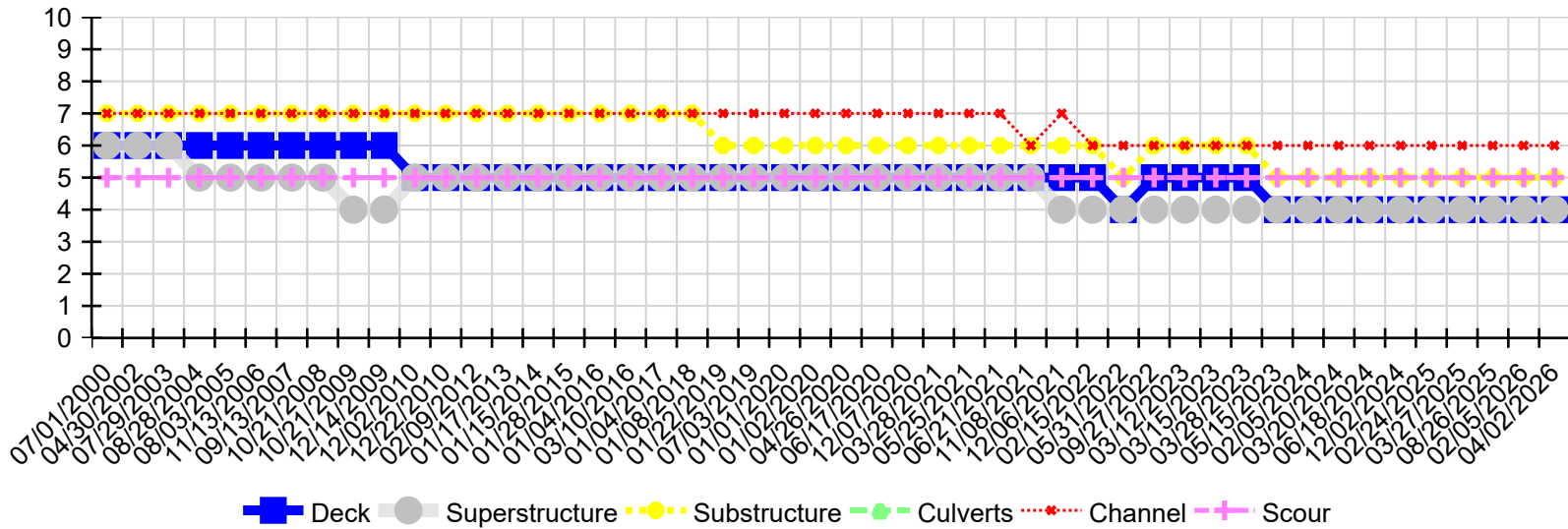
Girder 1 at pier 17 has vegetation growing on the web.

A-65 - Clogged deck drains?

A-66 - Approach minor pothole/leveling needed



Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
04/02/2026	4	4	5	N	6	5
02/05/2026	4	4	5	N	6	5
08/26/2025	4	4	5	N	6	5
03/27/2025	4	4	5	N	6	5
02/24/2025	4	4	5	N	6	5
12/02/2024	4	4	5	N	6	5
06/18/2024	4	4	5	N	6	5
03/20/2024	4	4	5	N	6	5
02/05/2024	4	4	5	N	6	5
05/15/2023	4	4	5	N	6	5
03/28/2023	5	4	6	N	6	5
03/15/2023	5	4	6	N	6	5
03/12/2023	5	4	6	N	6	5
09/27/2022	5	4	6	N	6	5
05/31/2022	4	4	5	N	6	5
02/15/2022	5	4	6	N	6	5
12/06/2021	5	4	6	N	7	5
11/08/2021	5	5	6	N	6	5
06/21/2021	5	5	6	N	7	5
05/25/2021	5	5	6	N	7	5
03/28/2021	5	5	6	N	7	5
12/07/2020	5	5	6	N	7	5
06/17/2020	5	5	6	N	7	5
04/26/2020	5	5	6	N	7	5
01/02/2020	5	5	6	N	7	5
01/01/2020	5	5	6	N	7	5
07/03/2019	5	5	6	N	7	5



Asset #02899(Routine, NSTM)
US 49- Phillips Co over Mississippi River-Dist 1
Location: 1 MI E JCT SH 20 & 44
Team Lead: Austin Janes Inspection Date: 04/02/2026

Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
01/22/2019	5	5	6	N	7	5
01/08/2018	5	5	7	N	7	5
01/04/2017	5	5	7	N	7	5
03/10/2016	5	5	7	N	7	5
01/04/2016	5	5	7	N	7	5
01/28/2015	5	5	7	N	7	5
01/15/2014	5	5	7	N	7	5
01/17/2013	5	5	7	N	7	5
02/09/2012	5	5	7	N	7	5
12/22/2010	5	5	7	N	7	5
12/02/2010	5	5	7	N	7	5
12/14/2009	6	4	7	N	7	5
10/21/2009	6	4	7	N	7	5
10/21/2008	6	5	7	N	7	5
09/13/2007	6	5	7	N	7	5
11/13/2006	6	5	7	N	7	5
08/03/2005	6	5	7	N	7	5
08/28/2004	6	5	7	N	7	5
07/29/2003	6	6	7	N	7	5
04/30/2002	6	6	7	N	7	5
07/01/2000	6	6	7	N	7	5



NSTM Inspection Report and Procedure **Bridge No. 02899 1 MI E JCT SH 20 & 44**

A-128 - Description of Structure

The US 49 Mississippi River Bridge No. 02899, a vital transportation link completed in 1961, spans the Mississippi River between Helena-West Helena, Arkansas, and Lula, Mississippi. With a total length of 5,198.5 feet and a width of 30.83 feet, this bridge is one of four Mississippi River crossings in Arkansas and the only crossing within a 140-mile stretch. The nearest crossings are approximately 50 miles north and 90 miles south.

The West approach spans 4 through 10, and the East approach spans 16 through 21 and is composed of four 2-girder superstructure units. The primary Nonredundant Steel Tension Members (NSTM) for the West and East approach spans consist of two 2-girder members, pin and hanger assemblies, and floor beams. The main river truss, spanning Piers 11 through 15, with five truss units and primary NSTM's that include upper chords, lower chords, diagonals, verticals, gusset plates, pin and hanger assemblies, and floor beams.

The NSTM drawing designates Non-Redundant Steel Tension Members in red. The prominent members (upper and lower truss chords, truss diagonals, truss verticals, gusset plates, pin and hanger assemblies, and floor systems of the truss spans and approach spans) were inspected hands-on, within arms reach.

The under-bridge inspection units will inspect the West and East approach 2-girders, floor beams, pin and hanger assemblies, main truss bottom chord, lower gusset plates, and floor beams. The man lift will inspect the central truss top chord, gusset plates, verticals, and diagonals.

All the pins on the Approach and Main Truss spans are visually inspected each year and checked with an Ultrasonic Tester every two years, aligning with the NSTM-only inspection.

UAV footage will be taken of exterior-facing NSTMs of complex/major structures on a frequency not to exceed 24 months. The footage will be reviewed and stored in accordance with the chapter 14 BIM requirements.

E/E' details are present and located at the net section of the hanger bars at the pin and hanger connections. This includes hangers in spans 4, 7, and 19 and the vertical and horizontal pin plates in the upper chord of the truss at expansion joints at panel points 15, 25, 43, and 59.

A Professional Engineer (P.E.) from the Arkansas Department of Transportation (ARDOT) will be on-site for all of the complex portions of the inspection and will always be available for immediate support.

A-129 - Range Of Dates, Personnel and Responsibilities

Team 1 Personnel and Dates:

Austin Janes - Team Lead: 04/06/2026 - 04/10/2026 & 04/13/2026 - 04/16/2026

David Greenwood - P.E. on Site: 04/06/2026 - 04/09/2026

Nathan Edwards JR. - Advanced Bridge Inspector: 04/07/2026 - 04/10/2026

Nate Brown - P.E. on Site: 04/13/2026 - 04/15/2026

Jon Little - Bridge Inspector: 04/13/2026 - 04/16/2026 (Split duties between Teams 1 and 3)

Team 2 Personnel and Dates:

Lee Swan - Statewide Bridge Inspector: 04/06/2026 - 04/10/2026

Aaron Thomas - Bridge Inspector: 04/06/2026 - 04/10/2026

Team 3 Personnel and Dates:

Demetric Jones - Statewide Bridge Inspector: 04/13/2026 - 04/14/2026

Jon Little - Bridge Inspector: 04/13/2026 - 04/16/2026 (Split duties between Teams 1 and 3)

Team 1 Duties and Responsibilities - Austin Janes

04/06/2026 - 04/09/2026 & 04/13/2026: Aspen A62-T UBIT

Spans 13 - 15, PP42 - 74 - Lower Chords and Floorbeams

04/10/2026, 04/13/2026 - 04/14/2026 & 04/16/2026: Aspen A62-T UBIT

Spans 7 - 10 and Spans 16 - 21 - Two-Girder and Floorbeam System and Pin and Hanger Assemblies



04/15/2026: Rental Man Lift
Spans 11 - 14, Truss 2, PP0 - PP52: Verticals, Diagonals, and Upper Chord

Team 2 Duties and Responsibilities - Lee Swan
04/06/2026 - 04/09/2026: Aspen UB-50
Spans 11 - 13, PP0 - PP42 - Lower Chords and Floorbeams

04/10/2026: Aspen UB-50
Spans 4 - 7 - Two-Girder and Floorbeam System and Pin and Hanger Assemblies

Team 3 Duties and Responsibilities - Demetric Jones
04/13/2026 - 04/14/2026: Rental Man Lift
Spans 11 - 15, Truss 1, PP0 - PP74: Verticals, Diagonals, and Upper Chord
Spans 14 - 15, Truss 2, PP52 - PP74: Verticals, Diagonals, and Upper Chord

P.E. on Site:
David Greenwood - P.E. on Site: 04/06/2026 - 04/09/2026
Nate Brown - P.E. on Site: 04/13/2026 - 04/15/2026

A-130 - Access Equipment

Aspen A62-T
Aspen UB-50
Rented Genie S-65 Trax Man Lift

B.IR.02 - Fatigue Prone Details

Y - E/E' details are present
Longitudinal bracing are connected to steel tabs that are welded to stringers. End of these welds are category E
The net section of hanger bars at the pin and hanger connections.

B.C.14 - NSTM Inspection Condition

4 - POOR - Widespread moderate or isolated major defects; strength and/or performance of the component is affected. Overall, the NSTM members are in Poor condition. The Lower Chords show the most significant deterioration, with widespread active corrosion, pack rust buildup causing noticeable distortion, laminated rust along the inside faces, and multiple areas of section loss including holes through the top and bottom flanges. The Floorbeams throughout the truss spans also exhibit extensive active corrosion with measurable section loss to the webs and flanges, along with perforated stiffeners and areas of moderate to heavy corrosion at the Pin and Hanger locations. Connection components—including the gusset plates and the pin and hanger assemblies—have cracked or broken tack welds, pack rust, pitting, and varying degrees of section loss. While a few NSTM elements remain in Fair to Satisfactory condition, the level and extent of deterioration in the Lower Chords and Floorbeams ultimately govern the overall NSTM rating to be in Poor condition.

B.IR.04 - Complex Feature

Y - Bridge has complex feature
Bridge does not have a complex feature according to the NBIS, but ARDOT requires a PE on-site due to being a major truss structure in poor condition.

Reference Photos:



Typical Truss Span Windlock/Pin and Hanger Assembly.



Typical Two-Girder Pin and Hanger Assembly.



Typical Upper Chord.



Typical Lower Chord.



Typical Truss Span Floorbeam.



NSTM Truss Overall View.



Typical NSTM Two-Girder.



Typical Gusset Plate.

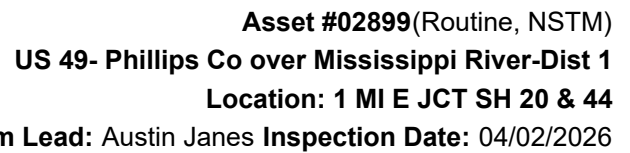


Typical Two-Girder Floorbeam System.



Asset #02899(Routine, NSTM)
US 49- Phillips Co over Mississippi River-Dist 1
Location: 1 MI E JCT SH 20 & 44
Team Lead: Austin Janes Inspection Date: 04/02/2026

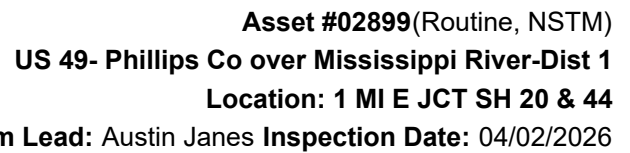
Bridge #02899 NSTM Member Inspection Log			
Member or Element (NSTM)	Access Equipment	Condition Rating	General Condition Notes
Steel Truss - Floorbeams (Spans 11 - 15)	Aspen A62-T and Aspen UB-50.	4	Overall, the Floorbeams are in Poor condition with widespread active corrosion with section loss to the webs, top, and bottom flanges throughout the Truss spans, along with isolated areas of moderate to heavy corrosion to the floorbeams at the Pin and Hanger locations. Various stiffeners along the floorbeams have active corrosion with holes near the bottom flange.
Steel Truss - Gusset Plate (Spans 11 - 15)	Aspen A62-T, Aspen UB-50 and Rented Man Lift.	6	Overall, the Gusset Plates are in satisfactory condition. There are several defects, such as broken or cracked tack welds, and corrosion that ranges from surface rust to flaking rust and pack rust. Some areas also have section loss that varies from knife edge to 1/16".
Steel Truss - Lower Chord (Spans 11 - 15)	Aspen A62-T and Aspen UB-50.	4	Overall, the Lower Chords are in Poor condition with widespread active corrosion with pack rust causing some distortion, laminated rust build up along the inside members with section loss, and isolated areas of corrosion with holes in the Top and Bottom Flanges along the lower chord.
Steel Truss - Pin and Hanger Assembly (Spans 11 - 15)	Rented Man Lift.	5	Overall, the Pin and Hanger Assemblies are in Fair condition with widespread minor section loss and pitting along the assemblies.
Steel Truss - Tension Vertical and Diagonals (Spans 11 - 15)	Rented Man Lift.	6	Overall, the Steel Tension Vertical and Diagonal members are in Satisfactory condition with isolated areas of minor corrosion with surface rust along with scattered areas of flaking paint.
Steel Truss - Upper Chord (Spans 11 - 15)	Rented Man Lift.	6	Overall, the Upper Chords are in Satisfactory condition with isolated areas of minor corrosion with surface rust along with scattered areas of flaking paint.
Two-Girder - Floorbeams and Cross-Girder (Spans 4 - 10 & 16 - 21)	Aspen A62-T and Aspen UB-50.	5	Overall, the Floorbeams of the Two-Girder System are in Satisfactory condition with areas of moderate to heavy corrosion to the floorbeams at the pin and hanger locations, widespread areas of active corrosion with pack rust between the cantilever sections and the deck, and widespread surface corrosion.



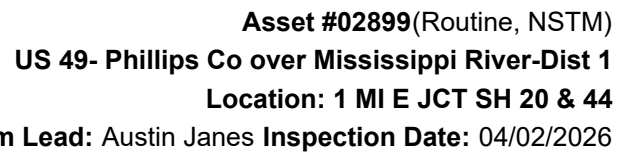
NSTM specific defect notes

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	13116	7749	3804	1550	13
	(107) Spans 1–4, Girders 1–4: Corrosion ranging from surface rust to minor freckled rust. CS2 corrosion.						
	Span 1, Girder 1 (Left) & Girder 4 (Right), Above Pier 1: Corrosion with 1' of 0.5" pack rust between the connection plates. 2LF CS3 corrosion.						
	Span 1, Abutment 1, Girder 1, Left: Active corrosion with pack rust up to 1/2". 1LF CS3 corrosion.						
	Span 1, Abutment 1, Girder 1, Left: Cantilever has distortion.						
	Span 2, Girder 4, Right, 15' Ahead of Pier 1: 6" area of 1/4" distortion. 1LF CS2 Distortion.						
	Span 2, Girder 4, Back of Pier 2: Active corrosion with pack rust between the bottom flange and the cover plate. 8LF CS3 corrosion.						
	Span 2, Girder 4, Splice near Pier 2: 1/8" section loss and pack rust. 1LF CS3 corrosion.						
	Span 2, Girder 2, Adjacent to Floorbeam 3: Deck haunch spalled, exposing top flange with surface corrosion. CS2 corrosion.						
	Span 3, Girder 4: Pack rust between splice plate and bottom flange. 3LF CS3 corrosion.						
	Span 4, Girders 1 & 4: 30' of bottom flange connection with corrosion and pack rust. 30LF CS3 corrosion.						
	Span 4, Girder 1, Cross brace: Only 3.5" of steel remains to hold the cross brace. CS4						
	Span 4, Girder 1, Left side, Ahead of pin and hanger: 2"x4" area up to 3/16" section loss. 1LF CS3 corrosion.						
	Span 4, Girder 1, Left side, Back of pin and hanger: Section loss along edge of vertical angle up to 3/16". 1LF CS3 corrosion.						
	Span 4, Girder 2, Cross brace: Heavy corrosion with holes rusted through the connection plate. CS4						
	Span 4, Right side: 7/16" between girders at the pin and hanger; rockers forward inconsistent with 66°F.						
	Span 4, Left side pin and hanger: Pushed forward due to rockers on Piers 2 and 3 rocked forward inconsistent with 66°F.						
	Span 4, Left side pin and hanger: 5/8" gap between girders at the assembly joint at 66°F.						
	Span 4, Girder 1: Pack rust between the bottom flange. 25LF CS3 corrosion.						
	Span 5, Girder 2, Right: Some stiffeners have pack rust between them and the girder. 4LF CS3 corrosion.						
	Span 5, Girder 2, Bottom flange, Adjacent to the second splice plate: Section loss scars up to 1/8". 1LF CS3 corrosion.						
	Pier 6, Girder 1: Pack rust between stiffener angles breaking welds. Typical.						
	Span 7, Girder 1, Back from Bent 8, Bottom cover plate: Distortion from pack rust between plates. 1LF CS3 corrosion.						
	Span 7, Girder 1, Splice 1, Left side: Pack rust and distortion between plates at the edge. 1LF CS3 corrosion.						
	Span 7, Girder 2, Back from finger joint, Inside bottom flange and web: Active corrosion and heavy section loss up to 1/2". 1LF CS3 corrosion.						
	Span 7, Girders 1 & 2, Bottom flange connection plate: 25' corrosion with pack rust between the connection plate. 25LF CS3 corrosion.						
	Span 7, Girder 2, Bottom Flange near Pier 7: Active corrosion with pack rust up to 3/4" between the bottom flange and the cover						

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	plate. 1LF CS3 corrosion.						
	Span 8, Girders 1 and 2, Bottom flange splice plate connection: Corrosion with 3/8" pack rust between the connections. CS3 corrosion.						
	Span 8, Girder 1: Active corrosion with pack rust between the Bottom Flange and cover plate, 40LF CS3 corrosion.						
	Span 8, Girder 1, Adjacent to Floorbeam 5, Bottom flange: Pack rust up to 3/4". 1LF CS3 corrosion.						
	Span 8, Girder 1, Third field splice plate: Active corrosion with section loss up to 1/4" to the bottom flange and pack rust. 1LF CS3 corrosion.						
	Span 8, Girder 2, Right, Ahead of Floorbeam 4: Active corrosion with flaking rust along the top flange. 10LF CS3 corrosion.						
	Pier 8, Girder 2, Right: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion.						
	Pier 8, Girder 1, Left: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion.						
	Span 9, Girder 1, Adjacent to both bottom flange splice plate connections and bottom flange cover plate: Short-duration areas of corrosion with flaking rust and section loss ranging from 1/8" to 1/4". CS3 corrosion.						
	Span 9, Girder 1, Adjacent to both splice connections along the bottom flange: Short-duration areas of corrosion with flaking rust and up to 1/4" section loss. CS3 corrosion.						
	Span 9, Girder 1, Connection 3, Back: Section loss in bottom flange. 1LF CS3 corrosion.						
	Span 9, Girder 1, Connection 4, Left side: 1/16" section loss. 1LF CS3 corrosion.						
	Span 9, Girder 1, Splice 1: 1/4" section loss. 1LF CS3 corrosion.						
	Span 9, Girder 2, Splice 1, Back: 3/16" section loss. 1LF CS3 corrosion.						
	Span 9, Pier 9, Girder 1, Stiffener over bearing: Pack rust. 1LF CS3 corrosion.						
	Span 9, Girder 1, Left, Back of Floorbeam 3: Active corrosion with pack rust along the top flange. 3LF CS3 corrosion.						
	Span 9, Girder 1, Left, Fourth field splice plate: Active corrosion with section loss up to 1/8" and pack rust up to 3/8". 1LF CS3 corrosion.						
	Span 9, Girder 1, Left, Floorbeam 6: Active corrosion with pack rust up to 1". 1LF CS3 corrosion.						
	Span 9, Girder 1, Left, Ahead of Floorbeam 5: Active corrosion with pack rust up to 3/8" between the top flange and deck. 1LF CS3 corrosion.						
	Span 9, Girder 1, Left, Ahead of Floorbeam 4: Active corrosion with flaking rust along the top flange. 4LF CS3 corrosion.						
	Span 9, Girder 1, Third Field Splice Plate: Active corrosion with section loss up to 5/16" to the Bottom Flange and pack rust up to 1/2". 1LF CS3 corrosion.						
	Span 9, Girder 1, third Field Splice Plate: Active corrosion with crevice corrosion at Bottom Flange connection. 1LF CS3 corrosion.						
	Span 9, Girder 1, Bottom flange cover plate ahead of Floorbeam 6: Active corrosion with section loss up to 3/16" and pack rust up to 1/2". 1LF CS3 corrosion.						
	Span 9, Girder 2, Left: Typical flaking paint.						
	Span 9, Girder 2, Right, Back of Floorbeam 4: Active corrosion with flaking rust along the top flange. 6LF CS3 corrosion.						
	Pier 9, Girder 1, Left: Active corrosion with pack rust up to 1/4" between bearing stiffener angle plates. 1LF CS3 corrosion.						
	Pier 9, Girder 2, Right: Cracked tack welds at bearing stiffener due to pack rust at the stiffeners, fully arrested. 1LF CS3 corrosion.						
	Span 10, Girder 1, Pier 10, Left: Pack rust above bearing between stiffeners. 1LF CS3 corrosion.						
	Span 10, Girder 2, Right side, Connection 2: Distortion in connector plate due to pack rust. 2LF CS3 corrosion.						
	Span 10, Girders 1 and 2, First splice plate from Pier 9: Corrosion with flaking rust and up to 1/4" section loss. 2LF CS3 corrosion.						
	Span 10, Girder 2, Ahead of Floorbeam 4: Minor active corrosion with crevice rust at field splice plate. CS3 corrosion.						
	Span 10, Girder 2, Left, Top flange: Typical minor corrosion where deck haunch has spalled. CS2 corrosion.						
	Span 10, Girder 1, Right, Adjacent to Floorbeam 7: Active corrosion with section loss up to 1/4" to the web. 2LF CS3 corrosion.						
	Span 16, Girders 1 & 2, Bottom web: Corrosion with up to 1/16" section loss full length of span. 302LF CS3 corrosion.						
	Span 16, Girder 1: Pack rust between bottom flange and splice plates causing distortion. 2LF CS3 corrosion.						
	Span 16, Girder 2, Pier 15: Active corrosion with section loss to bottom flange at bearing. 2LF CS3 corrosion.						
	Span 16, Girder 2, Right, First splice plate back of Pier 17: 6.5" corrosion with flaking rust and up to 1/16" section loss. 1LF CS3 corrosion.						
	Span 16, Girder 2, Right, First splice plate back of Pier 17: Corrosion with flaking rust and pack rust between bottom flange connection plates. 1LF CS3 corrosion.						
	Span 16, Girder 2, Right, First splice plate back of Pier 17: 12" active corrosion with flaking rust and up to 1/8" section loss. 1LF CS3 corrosion.						
	Span 16, Girder 2: 1/8" section loss to bottom flange at end of cover plate. 1LF CS3 corrosion.						
	Span 16, Girders 1 & 2, Top flange: Various areas of corrosion with flaking rust. CS3 corrosion.						
	Span 16, Girder 2, Third splice: Corrosion with up to 1/8" section loss to lower web splice plate. 1LF CS3 corrosion.						



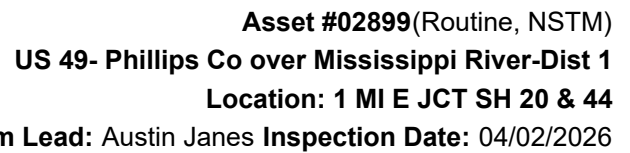
ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Span 16, Girder 1, Right, Adjacent to Floorbeam 0:	Active corrosion with section loss up to 3/16". 2LF CS3 corrosion.						
Span 16, Girder 2, Left, Adjacent to Floorbeam 0:	Active corrosion with section loss up to 3/16". 2LF CS3 corrosion.						
Span 16, Girder 2, Right:	Minor pack rust between bottom flange angle vertical leg and girder web. Typical this span.						
Span 17, Girder 1, Second splice connection, Bottom flange:	3/4" pack rust causing distortion to cover plate. 1LF CS3 corrosion.						
Span 17, Girder 1, Bottom flange, First splice connection:	5/16" section loss. 1LF CS3 corrosion.						
Span 17, Girder 1, Bottom flange, First splice plate from Pier 16:	1' corrosion with flaking rust. 1LF CS3 corrosion.						
Span 17, Girder 2, Second splice connection, Bottom flange:	3/8" section loss. 1LF CS3 corrosion.						
Span 17, Girder 2, Bottom flange, First splice connection:	5/6" section loss. 1LF CS3 corrosion.						
Span 17, Girder 2, Left side, First splice connection, Bottom flange:	7/16" section loss. 2LF CS3 corrosion.						
Span 17, Girder 2, Right side, At Floorbeam 11:	Approximately 1/8" section loss on exterior stiffener. 1LF CS3 corrosion.						
Span 17, Girders 1 & 2, First splice plate from Pier 16:	Corrosion with flaking rust. 1LF CS3 corrosion.						
Span 17, Girder 1, Last field splice plate:	Active corrosion with pack rust between bottom flange and cover plate approximately 3/4". 2LF CS3 corrosion.						
Span 18, Girder 1, At Floorbeam 15, Bottom flange:	5/8" pack rust causing distortion to cover plate, 1/16" section loss to bottom flange. 1LF CS3 corrosion.						
Span 18, Girder 2, First splice connection, Bottom flange:	1/4" section loss. 1LF CS3 corrosion.						
Span 18, Girder 2, First splice connection, Bottom flange:	3/4" pack rust causing distortion to cover plate. 1LF CS3 corrosion.						
Span 18, Girder 2, Bottom flange cover plate:	Corrosion with flaking rust between rivets along cover plate. CS3 corrosion.						
Span 18, Girder 2, Cover plate:	Pack rust up to 3/8" full length of cover plate. CS3 corrosion.						
Span 18, Girders 1 & 2, Bottom flange cover plate:	Corrosion with flaking rust between rivets. CS3 corrosion.						
Span 18, Girder 2, Ahead of second splice:	Corrosion with section loss up to 3/16". 1LF CS3 corrosion.						
Span 18, Girder 2, Ahead of cover plate:	Corrosion with up to 1/8" section loss. 1LF CS3 corrosion.						
Span 19, Girder 1, Bottom flange angle, Floorbeam 20 left backside:	Up to 1/4" section loss. 1LF CS3 corrosion.						
Span 19, Girder 1, Bottom flange, End of cover plate:	1/2" pack rust; remaining cover plate has pack rust causing out-of-plane bending, typical Girder 2. 2LF CS3 corrosion.						
Span 19, Girder 2, First splice connection plate, Bottom flange:	3/16" section loss. 1LF CS3 corrosion.						
Span 19, Girder 2, Bottom flange angle, Below pin and hanger assembly:	Active corrosion with section loss up to 3/8". 1LF CS3 corrosion.						
Span 19, Girder 1, Ahead of Floorbeam 3:	Corrosion with minor section loss to bottom flange angle. 2LF CS3 corrosion.						
Span 19, Girder 2, 10' from Pier 19:	Corrosion with section loss up to 1/4" to pier cover plate. 1LF CS3 corrosion.						
Span 19, Girder 1, Left, Floorbeam 3:	Distortion to top flange of cantilever, appears present during construction. Typical Girder 2, Right, Ahead of Floorbeam 4.						
Span 19, Girder 1:	Typical pack rust and minor distortion to bottom flange cover plate. Typical Girder 2. Typical Span 18.						
Span 20, Ahead, Bent 19, Girder 2, Bottom flange connection area:	Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
Span 20, Girder 1, Second splice connection, Bottom flange:	Pack rust causing out-of-plane bending. 1LF CS3 corrosion.						
Span 20, Girder 2, Second splice connection, Bottom flange:	Pack rust causing out-of-plane bending. 1LF CS3 corrosion.						
Span 20, Girder 1, Ahead of fourth field splice plate:	Active corrosion with section loss up to 1/8" to bottom flange. 1LF CS3 corrosion.						
Span 20, Girder 2, Right, Ahead of Floorbeam 6:	Rolling defect.						
Span 21, Girder 2, First splice connection, Bottom flange:	Active corrosion with pack rust up to 1/8" between plates. 1LF CS3 corrosion.						
Span 21, Girder 2, Second splice connection, Ahead side, Bottom flange:	2"x5" area up to 1/4" section loss. 1LF CS3 corrosion.						
Span 21, Girder 2, Left side, Splice connection 2, Cantilever section:	Apparent torch cut 2" in length.						
Span 21, Girders 1 and 2, Adjacent to East Abutment:	Various areas of corrosion with flaking rust and section loss. 4LF CS3 corrosion.						
Span 21, Girder 2, Bottom Flange, Ahead of Floorbeam 2:	Active corrosion with section loss up to 1/4". 1LF CS3 corrosion.						
Span 21, Girder 2, Right, Back of Floorbeam 4:	Active corrosion with flaking rust along top flange. 6LF CS3 CS3 corrosion.						
Spans 11- 15, Deck Joist:	Multiple deck joist throughout the structure have active corrosion with moderate to heavy flaking rust and pack rust along the sections of the joist below the the deck overhangs. CS3 corrosion.						
Span 11, Deck Joist, Adjacent to Stringer 1:	Typical active corrosion with flaking rust and section loss to the deck joist. 3LF CS3						





ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 11, Truss 1, L1, Lower Chord: Active corrosion with pack rust between the lower chord and the bottom lateral gusset plate. 1LF CS3 corrosion.						
	Span 11, Truss 1, L2, Bottom Plate: 8" corrosion with flaking rust and 1/4" section loss. CS3 corrosion.						
	Span 11, Truss 1, L2, Outside: Cracked tack weld. 1LF CS2 crack.						
	Span 11, Truss 1, L3, Ahead, Inside: Heavy corrosion with pack rust and section loss up to 1/8". 3LF CS3 corrosion.						
	Span 11, Truss 1, L4, Back, Inside of Lower Chord: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/4". 4LF CS3 corrosion.						
	Span 11, Truss 1, L5, Ahead, Upper Connection: Pack rust and section loss in a 1' area on the right inside web within a 3' corrosion zone. 3LF CS3 corrosion.						
	Span 11, Truss 1, L6, Lower Chord: Active corrosion with moderate section loss to the top flange. 3LF CS3 corrosion.						
	Span 11, Truss 1, L7, Ahead, Inside of Lower Chord: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 3LF CS3 corrosion.						
	Span 11, Truss 1, L8, Ahead, Portal 2: Heavy corrosion with pack rust, laminated rust, and section loss up to 1/4". 5LF CS3 corrosion.						
	Span 11, Truss 1, L9, Ahead, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 6LF CS3 corrosion.						
	Span 11, Truss 1, L9, Ahead, Inside: Heavy corrosion and pack rust with section loss. 3LF CS3 corrosion.						
	Span 11, Truss 1, L9, Ahead, Lower Chord: Active corrosion with laminating rust along the top flange. 2LF CS3 corrosion.						
	Span 11, Truss 2, L2, Ahead, Inside Connection Plate: Active corrosion with up to 1/8" section loss. 1LF CS3 corrosion.						
	Span 11, Truss 2, L2, Back, Bottom Flange: Active corrosion with pack rust and section loss up to 3/16". 1LF CS3 corrosion.						
	Span 11, Truss 2, L4, Back, Inside of Lower Chord: Active corrosion with pack rust between the web and top flange plates. 12LF CS3 corrosion. (More detailed than the shorter "Outside Plate" line — both kept because different locations.)						
	Span 11, Truss 2, L4, Outside Plate: Corrosion with flaking rust and light pitting. CS3 corrosion.						
	Span 11, Truss 2, L5, Back, Left: Active corrosion with pack rust between top plate connection plates. 1LF CS3 corrosion.						
	Span 11, Truss 2, L6, Ahead, Exterior Face Plate: Active corrosion with flaking rust and 3/16" section loss. 1LF CS3 corrosion.						
	Span 11, Truss 2, L6, Back, Inside of Lower Chord: Active corrosion with moderate section loss to the web near the bottom flange. 8LF CS3 corrosion.						
	Span 11, Truss 2, L6-L7, Lower Chord: Active corrosion with pack rust between the web and bottom flange angle connection. 8LF CS3 corrosion.						
	Span 11, Truss 2, L8, Back, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 10LF CS3 corrosion.						
	Span 11, Truss 2, L8, Inside of Lower Chord: Active corrosion with flaking rust along the web and bottom flange. 4LF CS3 corrosion.						
	Span 11, Truss 2, L9, Lower Chord: Active corrosion with a 1/2" diameter hole in the bulkhead at the floorbeam connection. 1LF CS3 corrosion.						
	Span 12, Truss 1, L10, Ahead, Portal 2: Heavy laminated rust around the opening on the bottom flange. CS3 corrosion.						
	Span 12, Truss 1, L10, Ahead, Portal 3 to 1: Heavy pack rust for 15'. 15LF CS3 corrosion.						
	Span 12, Truss 1, L11, Ahead, Inside of Lower Chord: Corrosion with flaking rust and light to moderate pitting. 2LF CS3 corrosion.						
	Span 12, Truss 1, L11, Back, Top Outside Plate: 2' x 3" corrosion with flaking rust and 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 1, L12, Ahead, Right/Downstream Plate: Corrosion with pack rust and flaking rust. CS3 corrosion.						
	Span 12, Truss 1, L12, Back, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 5/16". CS3 corrosion.						
	Span 12, Truss 1, L13, Ahead, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 1/8". CS3 corrosion.						
	Span 12, Truss 1, L13, Back, Bottom Plate: 6.5" x 4.5" corrosion with flaking rust and 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 1, L13, Back, Bottom Flange at Bottom Gusset Connection: Pack rust with up to 3/16" section loss and minor distortion. 1LF CS3 corrosion.						
	Span 12, Truss 1, L14, Ahead, Upstream Face Plates: Corrosion with flaking rust and 1/16" section loss. CS3 corrosion. Span 12, Truss 1, L14, Back, Upstream Face Plates: Corrosion with flaking rust and 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 1, L14, Back, Third Portal Back: Heavy corrosion with up to 1/4" section loss. 10LF CS3 corrosion.						
	Span 12, Truss 1, L15, Ahead, Inside of Lower Chord: Active corrosion with flaking rust and pack rust between plates. 6LF CS3 corrosion.						
	Span 12, Truss 1, L15, Back, Bottom Flange Below Pin: Several holes rusted through; bottom flange very thin. 2LF CS4 corrosion..						
	Span 12, Truss 1, L16, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 1/4" section loss along top and bottom of right side plate. 10LF CS3 corrosion.						
	Span 12, Truss 1, L16, Back, Inside of Lower Chord: Corrosion with flaking rust and section loss ranging from 1/16" to 1/4". 10LF CS3 corrosion.						

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 12, Truss 1, L17, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss ranging from 1/16" to 1/4". 10LF CS3 corrosion.						
	Span 12, Truss 1, L17, Bottom Flange, Second Portal Ahead: Distortion for 6'. CS3 corrosion.						
	Span 12, Truss 1, L18, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 5/16". 44LF CS3 corrosion.						
	Span 12, Truss 1, L19, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust between plates. 6LF CS3 corrosion.						
	Span 12, Truss 1, L20, Ahead, Inside, First Portal: Heavy corrosion and section loss up to 1/4". 10LF CS3 corrosion.						
	Span 12, Truss 1, L20, Back, Third Portal Back: Heavy corrosion and section loss up to 1/4". 15LF CS3 corrosion.						
	Span 12, Truss 1, L21, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/8". 12LF CS3 corrosion.						
	Span 12, Truss 1, L21, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust between plates. 8LF CS3 corrosion.						
	Span 12, Truss 1, L22, Ahead, Inside of Lower Chord: Laminated rust with section loss up to 5/16". 15LF CS3 corrosion.						
	Span 12, Truss 1, L22, Back, Inside of Lower Chord: Laminated rust with section loss up to 1/8". 15LF CS3 corrosion.						
	Span 12, Truss 1, L23, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 6LF CS3 corrosion.						
	Span 12, Truss 1, L24, Ahead, Inside of Lower Chord: Laminated rust with 3/16" section loss. 10LF CS3 corrosion.						
	Span 12, Truss 1, L24, Back, Inside of Lower Chord: Laminated rust and pack rust between plates. 8LF CS3 corrosion.						
	Span 12, Truss 1, L27, Ahead and Back, Inside of Lower Chord: Laminated rust with 1/8" section loss. 20LF CS3 corrosion.						
	Span 12, Truss 1, L27, Ahead, Outside Bottom Plate: 10" x 1" corrosion with 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 2, L10, Ahead, Inside of Lower Chord: Corrosion with laminated rust and section loss up to 1/4". CS3 corrosion.						
	Span 12, Truss 2, L11, Inside of Lower Chord: Moderate corrosion along top flange and web. 4LF CS3 corrosion.						
	Span 12, Truss 2, L12, Ahead, Inside of Lower Chord: Flaking rust with section loss up to 5/16". 10LF CS3 corrosion.						
	Span 12, Truss 2, L12, Ahead, Left & Right Side Plates: Corrosion with 3/16" section loss. CS3 corrosion.						
	Span 12, Truss 2, L12, Ahead, Left Face: Active corrosion with up to 3/16" section loss. 3LF CS3 corrosion.						
	Span 12, Truss 2, L12, Ahead, Portal 1: Corrosion with section loss up to 5/16". 6LF CS3 corrosion.						
	Span 12, Truss 2, L12, Back, Right Side Inside Plate: Corrosion with flaking rust and 1/8" section loss. 3LF CS3 corrosion.						
	Span 12, Truss 2, L12, Bottom Gusset: One sheared rivet. 1LF CS3 corrosion.						
	Span 12, Truss 2, L13, Back and Ahead, Lower Gusset Connection & Bottom Flange: Pack rust with up to 1/4" section loss and minor distortion. 3LF CS3 corrosion.						
	Span 12, Truss 2, L13, Back, Top Flange: Pack rust with up to 1/4" section loss; reinforcement distorted. CS3 corrosion.						
	Span 12, Truss 2, L15, Back, Bottom Plate: Three holes rusted through. 2LF CS4 corrosion.						
	Span 12, Truss 2, L15, Back, Pin Connection, Ahead, Bottom Flange: Gap between bottom flange and right web; distortion after pin. CS3 corrosion.						
	Span 12, Truss 2, L16, Ahead, Inside of Lower Chord: Corrosion with flaking rust along plates. 10LF CS3 corrosion.						
	Span 12, Truss 2, L16, Ahead, Left Side Plate: 6" corrosion with 3/16" section loss. CS3 corrosion.						
	Span 12, Truss 2, L16, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/4". 8LF CS3 corrosion.						
	Span 12, Truss 2, L17, Ahead & Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/4". 15LF CS3 corrosion.						
	Span 12, Truss 2, L17, Back, Top Flange: 1" diameter rust hole. 1LF CS4 corrosion.						
	Span 12, Truss 2, L17, Bottom Flange: Distortion up to 1/2". CS3 corrosion.						
	Span 12, Truss 2, L18, Ahead, Outside Plate: 10' x 4" corrosion with 1/16" section loss. 10LF CS3 corrosion.						
	Span 12, Truss 2, L18, Back, Top Flange: 1/2" diameter corrosion hole. 1LF CS4 corrosion..						
	Span 12, Truss 2, L19, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust between plates. 10LF CS3 corrosion.						
	Span 12, Truss 2, L19, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 4LF CS3 corrosion.						
	Span 12, Truss 2, L19, Back, Top Flange: 1/2" x 1" corrosion hole. 1LF CS4 corrosion..						
	Span 12, Truss 2, L20, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss up to 1/4". 10LF CS3 corrosion.						
	Span 12, Truss 2, L20, Back, Bottom Flange Adjacent to Lower Gusset: 29" x 2" corrosion with section loss up to 3/16". 1LF CS3 corrosion.						
	Span 12, Truss 2, L20, Back, Inside of Lower Chord: Corrosion with flaking rust and 1/8" section loss. 20LF CS3 corrosion.						
	Span 12, Truss 2, L20, Back, Outside of Lower Chord: 2.5' x 1" corrosion with 1/16" section loss. CS3 corrosion.						
	Span 12, Truss 2, L21, Ahead & Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust between plates. 20LF CS3 corrosion.						
	Span 12, Truss 2, L21, Back, Bottom Outside Plate: Corrosion with flaking rust and 1/8" section loss. CS3 corrosion.						
	Span 12, Truss 2, L22, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 5/16" section loss. 10LF CS3 corrosion.						
	Span 12, Truss 2, L23, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 1/16" section loss. 8LF CS3 corrosion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
Span 12, Truss 2, L23, Back, Second Portal Back, Bottom Flange:	Heavy section loss with 2" hole. 4LF CS4 corrosion.						
Span 12, Truss 2, L23, Back, Second Portal Hole:	1" x 1" hole. 1LF CS4 corrosion.						
Span 12, Truss 2, L23, Back, Adjacent to Lower Gusset:	Heavy section loss with 1/4" hole. 2LF CS4 corrosion..						
Span 12, Truss 2, L23, Back, Bottom Plate:	Corrosion with 1/8" section loss. 3LF CS3 corrosion.						
Span 12, Truss 2, L23, Back, Inside of Lower Chord:	Corrosion with flaking rust and section loss up to 5/16". 12LF CS3 corrosion.						
Span 12, Truss 2, L24, Back, Top Flange:	Corrosion with 1/2" hole. 1LF CS4 corrosion..						
Span 12, Truss 2, L25, Back, Inside of Lower Chord:	Corrosion with flaking rust. 8LF CS3 corrosion.						
Span 12, Truss 2, L26, Ahead & Back, Inside of Lower Chord:	Corrosion with flaking rust, pack rust, and section loss up to 1/4". 60LF CS3 corrosion.						
Span 12, Truss 2, L27, Ahead & Back, Inside of Lower Chord:	Corrosion with flaking rust and up to 5/16" section loss. 20LF CS3 corrosion.						
Span 12, Truss 2, L27, Bottom Plate:	Corrosion with 1/6" section loss. CS3 corrosion.						
Span 12, Truss 2, L28, Ahead & Back, Inside of Lower Chord:	Laminated rust with 5/16" section loss; rivet head loss 10–80%. 60LF CS3 corrosion.						
Span 12, Truss 2, L29, Ahead & Back, Inside of Lower Chord:	Laminated rust with 1/4" section loss. 14LF CS3 corrosion.						
Span 13, Truss 1, L32, Ahead, Below Slice:	Corrosion with minor section loss, pack rust, and minor distortion. 1LF CS3 corrosion.						
Span 13, Truss 1, L32, Back and Ahead, Bottom Chord:	Laminating rust up to 3/8" section loss over a 15' x 9" area. 30LF CS3 corrosion.						
Span 13, Truss 1, L33, Ahead, Bottom Chord, Top Flange Connection:	9/16" pack rust. 1LF CS3 corrosion.						
Span 13, Truss 1, L36, Ahead, Bottom Chord, Right Web:	Section loss up to 5/16". 15LF CS3 corrosion.						
Span 13, Truss 1, L36, Ahead, Inside of Lower Chord:	Active corrosion with section loss and flaking rust along the web. 10LF CS3 corrosion.						
Span 13, Truss 1, L36, Ahead:	Surface corrosion, full length. CS2.						
Span 13, Truss 1, L38, Ahead, Bottom Chord, Right Web:	3/8" section loss. 15LF CS3 corrosion.						
Span 13, Truss 1, L38, Back, Bottom Chord, Right Web:	5/16" section loss. 15LF CS3 corrosion.						
Span 13, Truss 1, L38, Back, Inside of Lower Chord:	Active corrosion with section loss up to 5/16" to the web. 8LF CS3 corrosion.						
Span 13, Truss 1, L38, Back, Right Web and Bottom Flange:	Heavy section loss up to 5/16". 12LF CS3 corrosion.						
Span 13, Truss 1, L42, Ahead, Inside of Lower Chord:	Active corrosion with section loss up to 5/16" to bottom of top flange and webs. 10LF CS3 corrosion.						
Span 13, Truss 1, L42, Back, Inside of Lower Chord:	Active corrosion with laminated rust buildup. 7LF CS3 corrosion.						
Span 13, Truss 1, L42, Back, Top Flange to Right Web Connection:	Pack rust causing distortion in the top flange. 15LF CS2.						
Span 13, Truss 1, L43, Back, Lower Chord to Bottom Lateral Gusset Plate Connection:	1/2" crack in tack weld. 1LF CS3 crack.						
Span 13, Truss 1, L44, Ahead, Inside:	Up to 1/4" section loss. 15LF CS3 corrosion.						
Span 13, Truss 1, L47, Ahead, Inside of Lower Chord:	Active corrosion with flaking rust and pack rust between the top flange and web plates. 14LF CS3 corrosion.						
Span 13, Truss 1, L47, Inside, Top Plate and Side Plates:	Pack rust with up to 3/16" section loss. 12LF CS3 corrosion.						
Span 13, Truss 1, L48, Back, Inside:	Section loss up to 1/2", full length between panel points. 42LF CS3 corrosion.						
Span 13, Truss 2, L31, Second Portal Back, Bottom Flange:	Heavy section loss with 2" diameter hole. 2LF CS4 corrosion..						
Span 13, Truss 2, L31, Top Flange Connection:	Moderate pack rust (~3/8"). 1LF CS3 corrosion.						
Span 13, Truss 2, L32, Back and Ahead, Bottom Chord:	Laminating rust up to 1/4" section loss over a 15' x 9" area. 30LF CS3 corrosion.						
Span 13, Truss 2, L32, Back, Lower Chord:	Active corrosion with section loss up to 1/4" and severe rivet head loss. 6LF CS3 corrosion.						
Span 13, Truss 2, L32, Inside of Lower Chord:	Active corrosion with section loss up to 3/16" adjacent to angle connection plates. 4LF CS3 corrosion.						
Span 13, Truss 2, L34, Left, Lower Chord:	Active corrosion with crevice corrosion adjacent to the floorbeam connection. 1LF CS3 corrosion.						
Span 13, Truss 2, L35, Ahead, Bottom Chord:	Heavy section loss to webs and bottom flange. 20LF CS3 corrosion.						
Span 13, Truss 2, L35, Bottom Flange at Bottom Gusset Corners:	Active corrosion and section loss up to 3/16". 4LF CS3 corrosion.						
Span 13, Truss 2, L35, Lower Chord:	Active corrosion with section loss up to 1/8" to the bottom flange. 1LF CS3 corrosion.						
Span 13, Truss 2, L36, Back, Inside of Lower Chord:	Active corrosion with flaking rust and rivet head loss. 12LF CS3 corrosion.						
Span 13, Truss 2, L36, Lower Chord:	Active corrosion with crevice corrosion along the floorbeam connection plates. 1LF CS3 corrosion.						
Span 13, Truss 2, L37, Second Portal Back:	Knife edge on left edge of portal. 4LF CS3 corrosion.						
Span 13, Truss 2, L38, Back, Inside of Lower Chord:	Active corrosion with laminated rust buildup and corroded rivet heads. 6LF CS3 corrosion.						
Span 13, Truss 2, L39, Back, Bottom Chord:	Laminating rust. 15LF CS3 corrosion.						

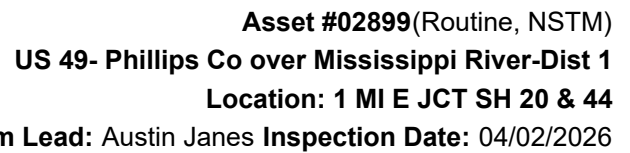


ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 13, Truss 2, L39, Inside Web: Pack rust and distortion to Floor Beam 29. 25LF CS3 corrosion.						
	Span 13, Truss 2, L40, Ahead, Bottom Chord, Second Portal Hole: Knife edge section loss. 1LF CS3 corrosion.						
	Span 13, Truss 2, L40, Back, Second Portal Hole in Bottom Flange: Knife edge corrosion. 1LF CS3 corrosion.						
	Span 13, Truss 2, L40, Inside, Bottom Plate: Laminating rust. 15LF CS3 corrosion.						
	Span 13, Truss 2, L40, Second Portal Ahead: Knife edge; heavy section loss up to 1/4". 12LF CS3 corrosion.						
	Span 13, Truss 2, L40, Second Portal Back: Knife edge with 1" x 2" hole; distortion to bottom flange. 10LF CS3 corrosion.						
	Span 13, Truss 2, L40, Third Portal Back: Knife edge around most of the edge. 1LF CS3 corrosion.						
	Span 13, Truss 2, L41, Back: Multiple holes rusted through (largest 12" x 4"). 5LF CS4 corrosion..						
	Span 13, Truss 2, L41, Inside, Top Flange: Heavy section loss. 15LF CS3 corrosion.						
	Span 13, Truss 2, L41, Second Portal Back: Knife edge; bottom flange section loss up to 1/4". 10LF CS3 corrosion.						
	Span 13, Truss 2, L42, Back and Ahead, Inside Bottom Web Juncture: Heavy corrosion. 30LF CS3 corrosion.						
	Span 13, Truss 2, L42, Back, Left Web: Pack rust at angle connection. 25LF CS3 corrosion.						
	Span 13, Truss 2, L42, Back, Top Flange to Left Web Connection: Pack rust causing distortion. 20LF CS2.						
	Span 13, Truss 2, L44, Ahead, Lower Chord: Active corrosion with pack rust up to 1/8". 1LF CS3 corrosion.						
	Span 13, Truss 2, L44, Back and Ahead, Bottom Chord, Web Junctures: Heavy section loss up to 1/2". 15LF CS3 corrosion.						
	Span 13, Truss 2, L44, Back, Inside of Lower Chord: Laminated rust buildup. 8LF CS3 corrosion.						
	Span 13, Truss 2, L45, Ahead, Lateral Cross Bracing: 7" x 3" hole. CS3 corrosion.						
	Span 13, Truss 2, L45, Ahead, Lower Chord: Active corrosion with section loss up to 1/8" and pack rust up to 3/8". 1LF CS3 corrosion.						
	Span 13, Truss 2, L45, Back, Inside of Lower Chord: Heavy active corrosion with flaking rust along top of bottom flange and inside webs. 10LF CS3 corrosion.						
	Span 13, Truss 2, L45, Bottom Plate to Lower Gusset: Pack rust. 1LF CS3 corrosion.						
	Span 13, Truss 2, L46, Ahead, Inside of Lower Chord: Heavy active corrosion with section loss 3/8"-7/16" for 4'. 15LF CS3 corrosion.						
	Span 13, Truss 2, L46, Back, Inside of Lower Chord: Heavy active corrosion with section loss 3/8"-7/16" for 4'. 8LF CS3 corrosion.						
	Span 13, Truss 2, L46, Back, Inside: Moderate section loss. 15LF CS3 corrosion.						
	Span 13, Truss 2, L47, Bottom Gusset of Lower Chord: Pack rust. 1LF CS3 corrosion.						
	Span 13, Truss 2, L47, Left Web and Cover Plate: 3/8" pack rust. 8LF CS3 corrosion.						
	Span 13, Truss 2, L48, Back, Inside of Lower Chord: Heavy active corrosion with flaking rust along top of bottom flange and inside webs. 12LF CS3 corrosion.						
	Span 13, Truss 2, L48, Back, Upstream Face Web: Pack rust between built up members. 42LF CS3 corrosion.						
	Span 14, Truss 1, L48-L49, Inside of Lower Chord: Active corrosion with flaking rust to the flanges and webs. 8LF CS3 corrosion.						
	Span 14, Truss 1, L49, Inside: Pack rust between the top and side plates. 3LF CS3 corrosion.						
	Span 14, Truss 1, L49-L50, Lower Chord: Active corrosion with flaking rust and section loss to rivet heads. 4LF CS3 corrosion.						
	Span 14, Truss 1, L50, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 10LF CS3 corrosion.						
	Span 14, Truss 1, L50, Back, Lower Chord: Active corrosion with section loss up to 3/8" to the bottom flange at two portals. 8LF CS3 corrosion.						
	Span 14, Truss 1, L51, Vertical Connection Plate: Active corrosion with section loss up to 1/16". 1LF CS3 corrosion.						
	Span 14, Truss 1, L52, Back, Lower Chord: Active corrosion with section loss up to 1/4". 9LF CS3 corrosion.						
	Span 14, Truss 1, L52, Top Plate of Lower Chord: Transverse distortion. 1LF CS2.						
	Span 14, Truss 1, L53, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 3LF CS3 corrosion.						
	Span 14, Truss 1, L54, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 1, L55, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 1/16" section loss. 3LF CS3 corrosion.						
	Span 14, Truss 1, L55, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 20LF CS3 corrosion.						
	Span 14, Truss 1, L55, Lower Chord: Active corrosion with section loss up to 3/16" to the top flange. 1LF CS3 corrosion.						
	Span 14, Truss 1, L56, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 20LF CS3 corrosion.						
	Span 14, Truss 1, L57, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 7LF CS3 corrosion.						
	Span 14, Truss 1, L57, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss ranging from 1/16" to 3/16". 10LF CS3 corrosion.						
	Span 14, Truss 1, L58, Ahead, Lower Chord: Active corrosion with section loss up to 3/16" and pack rust up to 5/8". 1LF CS3 corrosion.						
	Span 14, Truss 1, L58, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 1/16" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 1, L59, Back, Inside of Lower Chord: Corrosion with flaking rust and 1/16" section loss. 6LF CS3 corrosion.						

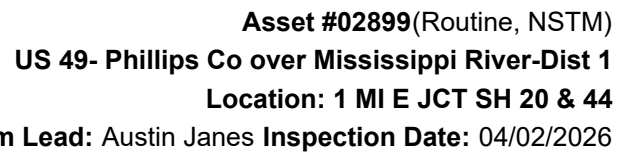
ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 14, Truss 1, L60, Inside: Short duration corrosion with flaking rust and 1/18" section loss. CS3 corrosion.						
	Span 14, Truss 1, L61, Ahead, Inside of Lower Chord: Corrosion with flaking rust and 1/8" section loss. 12LF CS3 corrosion.						
	Span 14, Truss 1, L64, Back, Lower Chord: Active corrosion with flaking rust along bottom of lateral gusset plate. 2LF CS3 corrosion.						
	Span 14, Truss 2, L49, Inside Cover Plate: Pack rust and distortion. 40LF CS3 corrosion.						
	Span 14, Truss 2, L50, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 2, L50, Side Plates: 1/4" section loss. 6LF CS3 corrosion.						
	Span 14, Truss 2, L50, Back, Lower Chord: Active corrosion with flaking rust along inside of lower chord. 12LF CS3 corrosion.						
	Span 14, Truss 2, L50, Back, Lower Chord: Active corrosion with section loss up to 1/2" to the bottom flange at two portals. 5LF CS3 corrosion.						
	Span 14, Truss 2, L51, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 40LF CS3 corrosion.						
	Span 14, Truss 2, L52, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 8LF CS3 corrosion.						
	Span 14, Truss 2, L52, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 10LF CS3 corrosion.						
	Span 14, Truss 2, L52, Top Plate of Lower Chord: Transverse distortion. CS2.						
	Span 14, Truss 2, L52, Lower Chord: Active corrosion with heavy section loss to inside left web and 13 rivets. 10LF CS3 corrosion.						
	Span 14, Truss 2, L53, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 15LF CS3 corrosion.						
	Span 14, Truss 2, L53, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 8LF CS3 corrosion.						
	Span 14, Truss 2, L54, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 25LF CS3 corrosion.						
	Span 14, Truss 2, L54, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 6LF CS3 corrosion.						
	Span 14, Truss 2, L54, Inside: Minor distortion. 2LF CS2.						
	Span 14, Truss 2, L54, Left Plate: 1/4" section loss. 1LF CS3 corrosion.						
	Span 14, Truss 2, L55, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 15LF CS3 corrosion.						
	Span 14, Truss 2, L55, Ahead, Outside Bottom Plate: 6" x 2" corrosion with flaking rust and 1/4" section loss. CS3 corrosion.						
	Span 14, Truss 2, L55, Ahead, Right, Lower Chord: Minor distortion along the bottom flange. 1LF CS2.						
	Span 14, Truss 2, L55, Lower Chord: Active corrosion with a 1/2" diameter hole in the bottom flange. 1LF CS4 corrosion.						
	Span 14, Truss 2, L56, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust and 1/8" section loss. 16LF CS3 corrosion.						
	Span 14, Truss 2, L56, Bottom Plate of Lower Chord: Bulging. CS3 corrosion.						
	Span 14, Truss 2, L57, Ahead, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 12LF CS3 corrosion.						
	Span 14, Truss 2, L57, Back, Inside: Pack rust between angle and top plate causing distortion. 42LF CS3 corrosion.						
	Span 14, Truss 2, L57, Lower Chord: Bulge in top plate. CS3 corrosion.						
	Span 14, Truss 2, L58, Ahead, Bottom Plate: Corrosion with 3/16" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 2, L58, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 3/16". 20LF CS3 corrosion.						
	Span 14, Truss 2, L58, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 15LF CS3 corrosion.						
	Span 14, Truss 2, L59, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 1/16" section loss. 10LF CS3 corrosion.						
	Span 14, Truss 2, L60, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 5/16". 15LF CS3 corrosion.						
	Span 14, Truss 2, L61, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging from 1/16" to 5/16". 15LF CS3 corrosion.						
	Span 14, Truss 2, L61, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss ranging from 1/16" to 1/4". 5LF CS3 corrosion.						
	Span 14, Truss 2, L61, Back, Upstream Face, Top Angle Plate: 3'3" crack. 4LF CS4 crack.						
	Span 14, Truss 2, L62, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/8" section loss. 10LF CS3 corrosion.						
	Span 14, Truss 2, L62, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 20LF CS3 corrosion.						
	Span 14, Truss 2, L63, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 3/16" section loss. 6LF CS3 corrosion.						
	Span 14, Truss 2, L63, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 1/8" section loss. 4LF CS3 corrosion.						
	Span 14, Truss 2, L64, Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and section loss ranging						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	from 1/16" to 3/16". 10LF CS3 corrosion.						
	Span 14, Truss 2, L64, Bottom Flange of Lower Chord: Pack rust between flange and lower gusset. 1LF CS3 corrosion.						
	Span 15, Truss 1, L64, Ahead, Inside of Lower Chord: Corrosion. 4LF CS3 corrosion.						
	Span 15, Truss 1, L65, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust and 1/8" section loss. 10LF CS3 corrosion.						
	Span 15, Truss 1, L66, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and laminated rust. 20LF CS3 corrosion.						
	Span 15, Truss 1, L66, Inside of Lower Chord: Section loss to web. 5LF CS3 corrosion.						
	Span 15, Truss 1, L67, Lower Gusset Plate: Minor distortion. CS3 corrosion.						
	Span 15, Truss 1, L67, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust. 30LF CS3 corrosion.						
	Span 15, Truss 1, L68, Ahead, Right: Corrosion with flaking and pack rust. CS3 corrosion.						
	Span 15, Truss 1, L68, Left and Right: Short duration corrosion with flaking rust and 1/18" section loss. CS3 corrosion.						
	Span 15, Truss 1, L70, Ahead, Lower Chord: Pack rust and section loss between plates at the connection. 2LF CS3 corrosion.						
	Span 15, Truss 1, L72, Inside of Lower Chord: Pack rust between lower chord and gusset causing distortion. 1LF CS3 corrosion.						
	Span 15, Truss 1, L72, Inside: Minor distortion. 10LF CS2.						
	Span 15, Truss 1, L73, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/16" section loss. 7LF CS3 corrosion.						
	Span 15, Truss 1, L73, Back: Active corrosion with section loss to webs. 6LF CS3 corrosion.						
	Span 15, Truss 1, L74, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 8LF CS3 corrosion.						
	Span 15, Truss 2, L64, 20' Ahead of L64, Downstream Face Side Plate: Six 1" cracked tack welds along outside connection plate. CS2 crack.						
	Span 15, Truss 2, L64, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and laminated rust. 15LF CS3 corrosion.						
	Span 15, Truss 2, L65, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and laminated rust. 30LF CS3 corrosion.						
	Span 15, Truss 2, L66, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, laminated rust, and 3/16" section loss. 15LF CS3 corrosion.						
	Span 15, Truss 2, L67, Inside of Lower Chord: Moderate corrosion. 4LF CS3 corrosion.						
	Span 15, Truss 2, L67, Top Plate of Lower Chord: Pack rust between top plate and reinforcing plate. 3LF CS3 corrosion.						
	Span 15, Truss 2, L68, Ahead: Corrosion with flaking and pack rust. CS3 corrosion.						
	Span 15, Truss 2, L69, Ahead and Back, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and section loss ranging from 1/16" to 1/4". 15LF CS3 corrosion.						
	Span 15, Truss 2, L69, Inside of Lower Chord: Corrosion, pack rust, and section loss up to 1/4". 4LF CS3 corrosion.						
	Span 15, Truss 2, L70: Pack rust between lower chord and lower gusset. 1LF CS3 corrosion.						
	Span 15, Truss 2, L72, Ahead, Inside of Lower Chord: Corrosion with flaking rust, pack rust, and 1/16" section loss. 15LF CS3 corrosion.						
	Span 15, Truss 2, L72, Ahead, Outside Side Plate (Left Face): Corrosion with flaking rust. CS3 corrosion.						
	Span 15, Truss 2, L72, Lower Chord: Section loss to web and angles. 1LF CS3 corrosion.						
	Span 15, Truss 2, L73, Back: Pack rust between angles and web of lower chord. 6LF CS3 corrosion.						
	Span 15, Truss 2, L73, Back, Inside of Lower Chord: Corrosion with flaking rust, laminated rust, pack rust, and 1/16" section loss. 10LF CS3 corrosion.						
	Span 15, Truss 2, L73, Right: Active corrosion with section loss to webs and distortion in top flange. 5LF CS3 corrosion.						
	Span 15, Truss 2, L74, Back, Inside of Lower Chord: Corrosion with flaking rust and pack rust. 4LF CS3 corrosion.						
	Span 15, Truss 2, L74, Top Flange of Lower Chord: Moderate corrosion. CS3 corrosion.						
	Upper Chord:						
	Span 11, Truss 1, PP7, Upper Chord to lateral bracing connection: Connection angle at Upper Chord has a crack in the bend of the angle, approximately 1/2" long. Does not appear to be a working crack. 1LF CS3 crack.						
	Span 11, Truss 2, Upper Chord, PP6, Left: 3/8" crack in tack weld on the Top Flange. 1LF CS2 crack.						
	Span 11, Truss 2, Upper Chord, PP8: Active corrosion with a hole in the bottom lateral Gusset Plate. 1LF CS3 corrosion.						
	Span 12, PP15, Upper Lateral Bracing: Active corrosion with a hole, can not measure due to being over traffic.						
	Span 12, Truss 2, PP15, Bottom later Gusset Plate near top pin: Active corrosion with holes. 1LF CS3 corrosion.						
	Span 12, Truss 2, PP23, Upper Chord, Right: Minor Active corrosion with pack rust at the Upper Chord to the Gusset Plate connection. 1LF CS3 corrosion.						
	Span 13, Truss 1, PP37, Upper Chord Connection Plate: Active corrosion with section loss up to 1/8". 1LF CS3 corrosion.						
	Span 13, Truss 2, PP 34: Connection angle at Upper Chord has a crack in the band of the angle, approximately 1/4" - 1/2" long. Does not appear to be a working crack. 1LF CS3 crack.						
	Span 13, Truss 2, PP45, Upper Chord to vertical connection: Connection angle at Upper Chord has a crack in the bend of the angle,						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	approximately 1/4" long. Does not appear to be a working crack. 1LF CS3 crack. Span 13, Truss 2, PP45, Upper Chord to vertical connection: Connection angle at Upper Chord has a crack in the bend of the angle, approximately 1/4" long. Does not appear to be a working crack. 1LF CS3 crack. Span 14, Truss 2, PP52, Upper Chord to lateral bracing connection: Connection angle at Upper Chord has a crack in the bend of the angle, approximately 1/4" long. Does not appear to be a working crack. 2LF CS3 crack. Span 15, Truss 2, PP68, Upper Chord Connection Plate: Cracked tack weld, self-arrested. 1LF CS2 crack. Span 15, Truss 2, PP70, Upper Chord to Lateral Bracing Connection Plate: 1/2" crack in the connection plate. 1LF CS3 crack.						
152	Steel Floor Beam	LF	4615	3331	27	1208	49
	(152) Cantilever Floorbeam sections: Active corrosion with flaking rust and pack rust, typical throughout the structure. 225LF CS3 corrosion. Cantilever Floorbeam sections: Poor quality welds along the top flange around the "Mouse Holes" and along the edges of the cantilevers'. Spans 7 and 19, Windlocks: Moderate to heavy corrosion along the windlocks at the Pin and Hanger locations. CS3 corrosion. Span 4, Ahead of Cross-Girder: Active corrosion with flaking rust and moderate section loss to the riveted connections above the windlock. 5LF CS3 corrosion. Span 4, Cross-Girder, Back of Assembly Joint: Active corrosion with a 2" X 1" hole in the Bottom Flange along with a 12" area of the bottom flange at a knives edge remaining thickness. 2LF CS4 corrosion. Span 4, Cross-Girder, Back, Adjacent to Girder 1: Active corrosion with pack rust between the web and the flange angles. 1LF CS3 corrosion. Span 4, Cross-Girder: Minor distortion along the bottom flange. 8LF CS2 distortion. Span 7, Floorbeam 6, Ahead: Active corrosion with section loss up to 1/4" to the web, knives edge section remaining to the bottom flange, and a 4 1/2" X 3" Hole in Stiffener 2. 6LF CS3 corrosion. Span 7, Floorbeam 6, Bottom flange, Right of Windlock: Active corrosion with a 1" diameter hole in the bottom flange. 1LF CS4 corrosion. Span 7, Floorbeam 6, Left of Windlock: Moderate to heavy corrosion along the bottom flange. 4LF CS3 corrosion. Span 7, Floorbeam 6, Left: Active corrosion with section loss to the top flange. 6LF CS3 corrosion. Span 7, Floorbeam 7, Ahead, Adjacent to Stringer 2: Active corrosion with section loss to the top flange. 6LF CS3 corrosion. Span 7, Floorbeam 7, Near Centerline: Active corrosion with moderate section loss to the top flange. 4LF CS3 corrosion. Span 7, Floorbeam 7, Right of Windlock, Bottom Flange: Active corrosion with section loss up to 3/8". 1LF CS3 corrosion. Span 7, Floorbeams 6 and 7: Moderate to heavy corrosion to the webs and the bottom flange, as well as heavy corrosion to the windlock. 12LF CS3 corrosion. Span 8, Floorbeam 5, Right Cantilever: Active corrosion with pack rust up to 7/8" between Floorbeam web and Girder stiffener. 1LF CS3 corrosion. Span 8, Floorbeam 6, Right Cantilever: Active corrosion with pack rust up to 3/4" between Floorbeam web and Girder stiffener. 1LF CS3 corrosion. Span 9, Floorbeam 1, Bottom Flange: Minor distortion in the bottom flange near centerline. 1LF CS2 distortion. Span 9, Floorbeam 1, Left Cantilever: Active corrosion with pack rust up to 1" at the Floorbeam to girder stiffener connection. 1LF CS3 corrosion. Span 9, Floorbeam 2, Bottom Flange: Minor distortion in the bottom flange near centerline. 1LF CS2 distortion. Span 9, Floorbeam 2, Right Cantilever: Active corrosion with pack rust up to 1/2" between Floorbeam web Girder stiffener. 1LF CS3 corrosion. Span 9, Floorbeam 3: Minor distortion. 1LF CS2 distortion. Span 9, Floorbeam 4, Left Cantilever: Cracked tack weld, fully arrested. 1LF CS2 crack. Span 9, Floorbeam 5, Left, Cantilever: Active corrosion with pack rust up to 1/2" between Top Flange of Floorbeam and the deck. 3LF CS3 corrosion. Span 9, Floorbeam 6, Right Cantilever: Active corrosion with pack rust up to 3/4" between Floorbeam web and girder stiffener. 1LF CS3 corrosion. Span 9, Floorbeam 6, Right Cantilever: Self arrested cracked tack weld. 1LF CS2 crack. Span 10, Floorbeam 2, Right Cantilever: 1/4" crack in the bottom tack weld at the girder stiffener plate. 1LF CS3 crack. Span 10, Floorbeam 3, Left Cantilever: 3/8" crack in the bottom tack weld at the girder stiffener plate. 1LF CS3 crack. Span 10, Left, Second to last cantilever section before Floorbeam 6: Missing rivet. 1LF CS2 connection.						



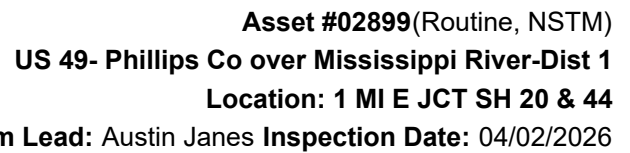
ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 16, Floorbeam 1, Active corrosion with section loss up to 1/4" of the web of the floorbeam knee brace, along with section loss up to 5/16" to the web and the bottom flange of the floorbeam. 2LF CS3 corrosion.						
	Span 16, Floorbeam 1, Ahead, Adjacent to stiffener 2: Active corrosion with section loss up to 3/8" to top flange and section loss up to 1/4" to bottom flange in same location. 5LF CS3 corrosion.						
	Span 17, Floorbeam 3, Girder 1, Cantilever: Active corrosion to the filler plate that is on the outside of the connection. 1LF CS3 corrosion.						
	Span 17, Floorbeam 5, Girder 2, Cantilever: Active corrosion to the filler plate that is on the outside of the connection. 1LF CS3 corrosion.						
	Span 19, Floorbeam 2, Back, Adjacent to Stiffener 1: Active corrosion with section loss up to 3/8" to the top flange. 2LF CS3 corrosion.						
	Span 19, Floorbeam 2, Back, Left of Stiffener 2: Active corrosion down to knife edge in the Top Flange. 6 LF CS3 corrosion.						
	Span 19, Floorbeam 2, Back, Left of Stiffener 2: Active corrosion with section loss up to 3/8" to the Bottom Flange. 2LF CS3 corrosion.						
	Span 19, Floorbeam 2, Back, Left: Active corrosion with section loss up to 1/4" to the web. 1LF CS3 corrosion.						
	Span 19, Floorbeam 2, Back, Left: Active corrosion with section loss with as little as a knives edge remaining to the top flange for 39". 4LF CS3 corrosion.						
	Span 19, Floorbeam 2, Back, Right of Stiffener 1: Active corrosion with a 16" X 1" hole in the Top Flange. 2LF CS4 corrosion.						
	Span 19, Floorbeam 2, Back, Right of Stiffener 1: Active corrosion with section to the web up to 3/8" and a 5" X 1 1/4" hole in the Bottom Flange. 1LF CS4 corrosion.						
	Span 19, Floorbeam 2, Back, Right of Stiffener 2: Active corrosion with up to 1/4" section loss in the Top Flange. 3 LF CS3 corrosion.						
	Span 19, Floorbeam 2, Back, Right: Active corrosion with section loss to the top flange down to a knives edge remaining for a 42" X 3/4" area, along with active corrosion with section loss up to 3/8" to the upper web. 5LF CS3 corrosion.						
	Span 19, Floorbeam 3, Ahead, Stiffener 2: Active corrosion with up to 3/8" section loss in the Top Flange. 4 LF CS3 corrosion.						
	Span 19, Floorbeam 3, Back, Above Windlock: Severe corrosion to the web and bottom flange above the windlock area. 10LF CS3 corrosion.						
	Span 19, Floorbeam 3, Back, Adjacent to Stiffener 1: Active corrosion with section loss with as little as 1/8" remaining to the bottom flange. 5LF CS3 corrosion.						
	Span 19, Floorbeam 3, Back, Left: Cracked tack weld at the bottom flange to knee brace connection, fully arrested. 1LF CS2 crack.						
	Span 19, Floorbeam 3, Back, Near Stiffener 2: Active corrosion with multiple areas of section loss, with section loss up to 3/8" to the bottom flange and lower web. Stiffener 2 has a 4" tall hole. 5LF CS3 corrosion.						
	Span 19, Floorbeam 3, Windlock Gusset: Active corrosion with section loss and two 1" Diameter holes.						
	Span 20, Floorbeam 6, Adjacent to Girder 2, Cantilever: Minor damage to cantilever section. 1LF CS2 damage.						
	Span 21, Floorbeam 3, Ahead, Stiffener 2: Minor distortion in stiffener. 1LF CS2 distortion.						
	Span 21, Floorbeam 6, Ahead: Active corrosion with section loss approximately up to 5/16" to the bottom flange, between Stringers 1 and 2. 5LF CS3 corrosion.						
	Span 21, Floorbeam 6, Back: Active corrosion with section loss up to 1/2" to the top flange, adjacent to both Stringers 1 and 2. 8LF CS3 corrosion.						
	Floorbeams across the main span all have an average of 5' of corrosion with measurable section loss near each end under the deck widening crack totaling 10LF per Floorbeam of CS3 corrosion. Floorbeams throughout have corrosion with measurable section loss ranging from 1/4" to 1/2" to worst case having holes in the bottom flange angles at each end of the bottom cover plate. In most cases, these defects overlap. Floorbeams have corrosion with measurable section loss behind various vertical stiffeners, with most being the stiffeners closest to the ends of the Floorbeam.						
	Span 11, Floorbeam 0 back, stiffener 6: Active corrosion with 1/4" section loss to the web above the bottom flange angle. Stiffeners 3-7 are in similar condition. 5LF CS3 corrosion.						
	Span 11, Floorbeam 0, Ahead, Bay 2: Active corrosion with section loss to the top flange. 10LF CS3 corrosion.						
	Span 11, Floorbeam 0, Back, Left and Right: Moderate corrosion to the top flange and the rivets. 4LF CS3 corrosion.						
	Span 11, Floorbeam 1, Left, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 11, Floorbeam 2, Ahead: Active corrosion with section loss up to 1/4" to the web adjacent to the stiffeners. 5LF CS3 corrosion.						
	Span 11, Floorbeam 2, Back, Stiffener 7: Minor distortion in the stiffener. 1LF CS2 distortion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 11, Floorbeam 2, Back: Moderate corrosion to the top flange. 6LF CS3 corrosion.						
	Span 11, Floorbeam 2, Right, Bottom Flange: Active corrosion with section loss up to 1/2" to the bottom flange. 2LF CS3 corrosion.						
	Span 11, Floorbeam 6, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 11, Floorbeam 7, Right, Bottom Flange: Active corrosion with pack rust between the bottom flange and the cover plate. 1LF CS3 corrosion.						
	Span 11, Floorbeam 8, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion.						
	Span 11, Floorbeam 9, Ahead, Adjacent to Stiffener 2: Active corrosion with section loss up to 5/16" to the bottom flange angle connection. 1LF CS3 corrosion.						
	Span 11, Floorbeam 9, Left, Bottom Flange: Active corrosion with section loss up to 1/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 11, Floorbeam 9, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 3: Active corrosion with a 1/2" diameter hole in the web. 1LF CS4 corrosion.						
	Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 5: Active corrosion with a 10" X 1/2" hole in the web. 1LF CS4 corrosion.						
	Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 6: Active corrosion with a 4" X 6" hole and a 3" X 1/2" hole in the web. 1LF CS4 corrosion.						
	Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 7: Active corrosion with a 1/2" diameter hole, 3" X 2 1/2" hole, and a 1" X 3/4" hole in the web. 2LF CS4 corrosion.						
	Span 12, Ahead Floorbeam at PP25, Adjacent to Stiffener 8: Active corrosion with a 4" X 3 1/2" hole in the web						
	Span 12, Ahead Floorbeam at PP25, Stiffeners 6 and 7: Active corrosion with holes in the stiffeners.						
	Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 3: Active corrosion with a 1/2" diameter hole in the web. 1LF CS4 corrosion.						
	Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 5: Active corrosion with a 2" X 1 1/2" hole in the web. 1LF CS4 corrosion.						
	Span 12, Back Floorbeam at PP25, Adjacent to Stiffener 6: Active corrosion with a 2 1/2" X 1 1/2" hole and a 1/2" diameter hole in the web. 1LF CS4 corrosion.						
	Span 12, Floorbeam 12, Ahead, Adjacent to Stringer 2: Active corrosion with section up to 3/8" to the top flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 12, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 14, Ahead, Adjacent to Stringer 1: Active corrosion with pack rust between the top flange and the deck. 5LF CS3 corrosion.						
	Span 12, Floorbeam 14, Back, Stiffener 9: Active corrosion with pack rust between the web and the stiffener up to 1/8" and a hole in the bottom of the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 15, Right, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 16, Ahead, Adjacent to Stringer 1: Active corrosion with pack rust between the top flange and the deck. 3LF CS3 corrosion.						
	Span 12, Floorbeam 16, Baack, Adjacent to Stiffener 9: Active corrosion with pack rust. 1LF CS3 corrosion.						
	Span 12, Floorbeam 16, Left, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 18, Ahead, Stiffener 3: Active corrosion with a hole in the bottom of the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 18, Ahead: Moderate corrosion along the top flange. 12LF CS3 corrosion.						
	Span 12, Floorbeam 18, Back, Adjacent to Stiffener 7: Active corrosion with a 1" X 5/8" hole in the web. 1LF CS4 corrosion.						
	Span 12, Floorbeam 18, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 12, Floorbeam 18, Left, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 20, Back, Adjacent to Stiffener 9: Active corrosion with a 1" X 3/4" hole in the web. 1LF CS4 corrosion.						
	Span 12, Floorbeam 20, Back, Right: Active corrosion with section loss to the bottom flange cover plate. 2LF CS3 corrosion.						
	Span 12, Floorbeam 20, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 21, Ahead, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/4" to the bottom flange angle connection, along with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 22, Adjacent to Stiffener 5: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 12, Floorbeam 22, Left, Bottom Flange: Active corrosion with moderate flaking rust and section loss to the bottom flange. 2LF CS3 corrosion.						
	Span 12, Floorbeam 24, Ahead, Adjacent to Stiffener 1: Active corrosion with pack rust between the web and the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 24, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 12, Floorbeam 29, Right, Bottom Flange: Active corrosion with a 1/2" diameter hole in the bottom flange. 1LF CS4 corrosion.						
	Span 12, Floorbeams at PP25: Heavy corrosion along the bottom flange. 60LF CS3 corrosion. Minus CS4						
	Span 12, panel point 25, 9/16" section loss to the windlock.						
	Span 12, PP15, Windlock: Heavy corrosion. CS3 corrosion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 5: Active corrosion with a 1" X 1" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 5: Active corrosion with a 6" X 5" Hole in the web on the left side of the stiffener. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 6: Active corrosion with a 5" X 4" Hole in the web on the left side of the stiffener and a 1 1/2" X 1" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 7: Active corrosion with a 3" X 2" Hole in the web on the left side of the stiffener and a 1 1/2" X 2 1/4" Hole in the web on the right side of the stiffener. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Adjacent to Stiffener 8: Active corrosion with a 4" X 2" Hole in web. 1LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Ahead, Bottom Flange Cover Plate: Active corrosion with a 29" X 4" Hole in the cover plate. 3LF CS4 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Back, Stiffeners 5 - 7: Active corrosion with holes in the stiffeners.						
	Span 13, Ahead Floorbeam at PP43, Bottom Flange, Left: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Ahead Floorbeam at PP43, Bottom Flange, Right: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Ahead, Stiffeners 3 - 6: Active corrosion with holes in the stiffeners.						
	Span 13, Back Floorbeam at PP43, Back, Adjacent to Stiffener 9: Active corrosion with section loss to the web to bottom flange angle up to 3/8". 1LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Back, Top Flange, Right: Active corrosion with flaking rust along the Top Flange. 3LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Bottom Flange, Right: Active corrosion with section loss up to 5/16". 1LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Left of Windlock: Active corrosion with section loss up to 5/16" to Bottom Flange cover plate. 1LF CS3 corrosion.						
	Span 13, Back Floorbeam at PP43, Right of Windlock: Active corrosion with section loss up to 5/16" to Bottom Flange cover plate. 1LF CS3 corrosion.						
	Span 13, Floorbeam 33, Right, Bottom Flange: Active corrosion with section loss up to 7/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 37, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 2LF CS3 corrosion.						
	Span 13, Floorbeam 42, Ahead, Left of Stiffener 1: Active corrosion with section loss up to 1/4" to the web to bottom flange angle. 2LF CS3 corrosion.						
	Span 13, Floorbeam 42, Ahead, Top Flange, Right and Left: Active corrosion with flaking rust and pack rust between the top flange and the deck. 8LF CS3 corrosion.						
	Span 13, Floorbeam 42, Back, Adjacent to Stiffener 1: Active corrosion with section loss up to 5/16" to the bottom flange angle. 1LF CS3 corrosion.						
	Span 13, Floorbeam 42, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 13, Floorbeam 42, Bottom Flange, Left: Active corrosion with section loss up to 1/4". 1LF CS3 corrosion.						
	Span 13, Floorbeam 42, Bottom Flange, Right: Active corrosion with section loss ranging from 7/16" - 1/2". 2LF CS3 corrosion.						
	Span 13, Floorbeam 42, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 44, Bottom Flange, Left: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 44, Bottom Flange, Right: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 45, Bottom Flange, Left: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 45, Bottom Flange, Right: Active corrosion with section loss from 7/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 46, Back, Adjacent to Stiffener 5: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 13, Floorbeam 46, Back: Active corrosion with flaking rust and moderate section loss to the web to bottom flange angles. 2LF CS3 corrosion.						
	Span 13, Floorbeam 46, Bottom Flange, Left: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 46, Bottom Flange, Right: Active corrosion with section loss from 7/16" - 1/2" to the bottom flange. 2LF CS3 corrosion.						
	Span 13, Floorbeam 46, Right of Stringer 2: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 13, Floorbeam 47, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 7LF CS3 corrosion.						
	Span 13, Floorbeam 47, Bottom Flange, Left: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 47, Bottom Flange, Right: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 13, Floorbeam 48, Top Flange, Right, Back: Heavy Active corrosion with flaking rust and section loss. 4LF CS3 corrosion.						
	Span 13, Floorbeams at PP43: Active corrosion with moderate to heavy section loss to the flanges and webs. CS3 corrosion.						
	Span 13, PP43, Ahead of Windlock: Hole in lateral Gusset Plate at Windlock to Floorbeam connection.						

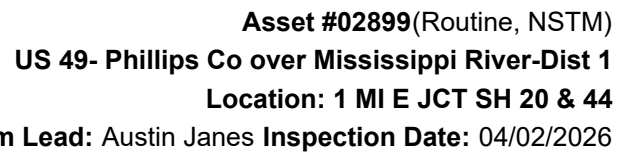


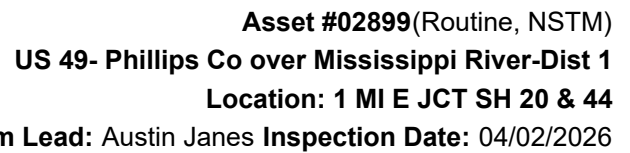


ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	corrosion.						
	Span 14, Floorbeam 54, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 1/4" to the bottom flange angle connection, along with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Adjacent to Stiffener 4: Active corrosion with section loss up to 1/8" to the bottom flange angle connection. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Left of Stiffener 7: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Left of Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Back, Stiffener 9: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Left, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 54, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 55, Ahead, Right: Distortion in Top Flange. 2LF CS2 distortion.						
	Span 14, Floorbeam 55, Back, Adjacent to Stiffener 8: Active corrosion with section loss up to 1/4" to bottom flange angle connection. 1LF CS3 corrosion.						
	Span 14, Floorbeam 55, Left, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 55, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 55, Top Flange: Typical Active corrosion with pack rust between the Top Flange and the deck. 6LF CS3 corrosion.						
	Span 14, Floorbeam 56 to Stringer 1, Pin and Hanger Assembly connection: Cracked tack weld, has not self arrested. 1LF CS2 crack.						
	Span 14, Floorbeam 56 to Stringer 2 Pin and Hanger Assembly connection: Cracked tack welds, has self arrested. 1LF CS2 crack.						
	Span 14, Floorbeam 56, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 56, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 57, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 57, Back, Adjacent to Stiffeners 3 and 7: Active corrosion with section loss up to 3/16" to the web. 2LF CS3 corrosion.						
	Span 14, Floorbeam 57, Back, Stiffeners 3, 6 and 7: Active corrosion with holes in the stiffeners. 3LF CS3 corrosion.						
	Span 14, Floorbeam 57, Right, Bottom Flange: Active corrosion with section loss up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 58, Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 2LF CS3 corrosion.						
	Span 14, Floorbeam 58, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 58, Right, Bottom Flange: Active corrosion with section loss up to 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Ahead, Stiffener 1: Heavy corrosion to stiffener and adjacent angle connections. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Ahead, Top Flange, Above Stringer 1: 42" area of 1/8" remaining thickness to the Top Flange. 4LF CS3 corrosion.						
	Span 14, Floorbeam 60, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Bottom angle connection, back, below Stringer 1: Active corrosion with section loss up to 3/16" to the angle. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Bottom Flange, back, below Stringer 3: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Bottom Flange, Left: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 60, Bottom Flange, Right: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 61, Back, Left of Stiffener 9, Web: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 61, Bottom Flange, Right: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 61, Top Flange, Ahead, Above Stringer 3: Active corrosion with section loss with a 24" X 1/2" area of section remaining down to knife's edge. 2LF CS3 corrosion.						
	Span 14, Floorbeam 62 to Stringer 2 Connection: Active corrosion with section loss up to 1/8" to Floorbeam web and 1/16" to stringer webs. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62 to Stringer 3 Connection: Active corrosion with section loss up to 1/8" to Floorbeam and Stringer webs. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Adjacent to Stringer 2: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Adjacent to Stiffener 2: Active corrosion with section loss up to 1/4" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Adjacent to Stiffener 3: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, adjacent to Stiffener 4: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, adjacent to Stiffener 5: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Adjacent to Stringer 3, Web: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 14, Floorbeam 62, Back, Bottom Flange: Active corrosion with flaking rust and section loss. 20LF CS3 corrosion.						
	Span 14, Floorbeam 62, Back, Stiffener 4: Active corrosion with a hole in the stiffener.						
	Span 14, Floorbeam 62, Back, Stiffeners 2 and 3: Active corrosion with holes in the stiffeners.						
	Span 14, Floorbeam 62, Bottom Flange, Left: Active corrosion with section up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 62, Bottom Flange, Right: Active corrosion with section up to 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 14, Floorbeam 63, Ahead, Adjacent to Stringer 2: Distortion in Bottom Flange. 1LF CS2 distortion.						
	Span 14, Floorbeam 63, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 14, PP59, Back Floorbeam, Bottom Flange, Left of Windlock: Active corrosion with a 1" X 1 1/4" hole in Bottom Flange. 1LF CS4 corrosion.						
	Span 14, PP59, Back Floorbeam, Bottom Flange, Right of Windlock: Active corrosion with section loss up to 3/8" in Bottom Flange. 1LF CS3 corrosion.						
	Span 14, PP59, wind lock: Heavy corrosion.						
	Span 15, Floorbeam 65, Ahead, left of Stringer 3, Bottom Flange, Left: 5/8" distortion to the bottom flange. 1LF CS2 distortion.						
	Span 15, Floorbeam 65, Top Flange, Ahead, Above Stringer 3: Active corrosion with heavy flaking rust, pack rust and section loss for and 8' area. Top Flange has knife's edge section remaining. 5LF CS3 corrosion.						
	Span 15, Floorbeam 66, Bottom Flange, Left: Active corrosion with section loss up to 1/8". 1LF CS3 corrosion.						
	Span 15, Floorbeam 66, Bottom Flange, Right: Active corrosion with section loss up to 3/8". 1LF CS3 corrosion.						
	Span 15, Floorbeam 67, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 1/8". 1LF CS3 corrosion.						
	Span 15, Floorbeam 67, Bottom Flange, Left: Active corrosion with section loss up to 1/4". 1LF CS3 corrosion.						
	Span 15, Floorbeam 67, Bottom Flange, Right: Active corrosion with section loss up to 3/16". 1LF CS3 corrosion.						
	Span 15, Floorbeam 68, Ahead, at the Stringer 2 Pin and Hanger Assembly connection: Active corrosion with section loss to the connection plate. 1LF CS3 corrosion.						
	Span 15, Floorbeam 68, Bottom Flange, Left: Active corrosion with section loss from 3/8" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 68, Bottom Flange, Right: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 69, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 8LF CS3 corrosion.						
	Span 15, Floorbeam 69, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16". 1LF CS3 corrosion.						
	Span 15, Floorbeam 69, Bottom Flange, Left: Active corrosion with section loss from 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 69, Bottom Flange, Right: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 70, Above Stringers 1 and 3: Active corrosion with pack rust and section loss to the Top Flange. 8LF CS3 corrosion.						
	Span 15, Floorbeam 70, Back, Adjacent to Stiffener 9: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 15, Floorbeam 70, Bottom Flange, Left: Active corrosion with section loss from 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 70, Bottom Flange, Right: Active corrosion with section loss from 5/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 71, Adjacent to the Pin and Hanger Assembly at Stringer 2: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						
	Span 15, Floorbeam 71, Ahead, Above Stiffener 1: Active corrosion with pack rust between the top flange and the deck. 3LF CS3 corrosion.						
	Span 15, Floorbeam 71, Ahead, Adjacent to Stiffener 5: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 15, Floorbeam 71, Ahead, Adjacent to Stiffener 6: Active corrosion with section loss up to 1/2" to the bottom flange angle connection. 1LF CS3 corrosion.						
	Span 15, Floorbeam 71, Ahead, Adjacent to Stringer 3: Cracked tack weld at Pin and Hanger Assembly connection plate. Crack has self-arrested. 1LF CS2 crack.						
	Span 15, Floorbeam 71, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 71, Right, Bottom Flange: Active corrosion with section loss up to 3/16" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 72, Adjacent to Stiffener 8: Active corrosion with a 1 1/2" diameter hole in the web. 1LF CS4 corrosion.						
	Span 15, Floorbeam 72, Ahead, Stiffener 1: Active corrosion with a hole in the stiffener. 1LF CS3 corrosion.						
	Span 15, Floorbeam 72, Back, Above Stringer 3: Active corrosion with section loss causing holes and a knife-edge section remaining to top flange 3'x1". 3LF CS4 corrosion.						
	Span 15, Floorbeam 72, Left, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 1LF CS3 corrosion.						
	Span 15, Floorbeam 72, Right, Bottom Flange: Active corrosion with section loss up to 1/4" to the bottom flange. 2LF CS3 corrosion.						
	Span 15, Floorbeam 73, Adjacent to Stiffener 8: Active corrosion with section loss up to 3/16" to the web. 1LF CS3 corrosion.						
	Span 15, Floorbeam 73, Ahead, Above Stringer 3: Active corrosion with pack rust and section loss to the Top Flange causing holes and knife's edge section remaining for 16" X 1". 2LF CS4 corrosion.						
	Span 15, Floorbeam 73, Back, Adjacent to Stiffener 2: Active corrosion with section loss up to 1/8" to the web. 1LF CS3 corrosion.						

[illegible]



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	the pins. 1EA CS3 corrosion. Span 15, Floorbeam 68, Stringers 1 – 3, Pin and Hanger Assemblies: Active corrosion with pack rust between the stringer and the hanger bars. 3EA CS3 corrosion. Span 15, Floorbeam 71, Stringers 1 – 3, Pin and Hanger Assemblies: Active corrosion with pack rust between the stringer and the hanger bars. 3EA CS3 corrosion.						
	Upper Chords Pin and Hanger Assembly Notes:						
	Span 12, Truss 2, U25, Pin and Hanger Assembly: The back top pin is offset to the left by approximately 1/2".						
	Span 13, Truss 1, U43, Pin and Hanger Assembly: The back top pin has an area of section loss up to 1/4" for an area of 8" from grinding. 1EA CS2. Span 13, Truss 1, U43, Pin and Hanger Assembly: The back top pin has a cracked tack weld at the "Pin-to-Nut" connection. 1EA CS2 crack. Span 13, Truss 2, U43, Pin and Hanger Assembly: The ahead and back top pin has a cracked tack weld at the "Pin-to-Nut" connection. 1EA CS2 crack.						
162	Steel Gusset Plate	EA	296	148	0	148	0
	(162) Lower Chord Gusset Plate:						
	Span 11, Truss 1 and 2, L6, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16" to the gusset plates. 2EA CS3 corrosion. Span 11, Truss 1 and 2, L8, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/8" to the gusset plates. 2EA CS3 corrosion. Span 11, Truss 1, L2, Gusset Plate: Active corrosion with section loss up to 1/16". 1EA CS3 corrosion. Span 11, Truss 1, L4, Gusset Plate: Surface corrosion. 1EA CS2 corrosion. Span 11, Truss 2, L2, Gusset Plate: Active corrosion with section loss up to 1/16". 1EA CS3 corrosion. Span 11, Truss 2, L4, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion. Span 11, Truss 2, L7, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion.						
	Span 12, Truss 1 and 2, L12, Gusset Plate: Active corrosion with flaking rust and pitting. 2EA CS3 corrosion. Span 12, Truss 1 and 2, L14, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/8". 2EA CS3 corrosion. Span 12, Truss 1 and 2, L16, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 2EA CS3 corrosion. Span 12, Truss 1 and 2, L18, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 2EA CS3 corrosion. Span 12, Truss 1 and 2, L20, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" to 1/8". 2EA CS3 corrosion. Span 12, Truss 1 and 2, L21, Gusset Plate: Active corrosion with light pitting. 2EA CS3 corrosion. Span 12, Truss 1 and 2, L24, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/8" – 3/16". 2EA CS3 corrosion. Span 12, Truss 1, L11, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/8". 1EA CS3 corrosion. Span 12, Truss 1, L22, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion. Span 12, Truss 1, L23, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1 EA CS3 corrosion. Span 12, Truss 1, L28, Gusset Plate: Active corrosion with flaking rust and moderate pitting. 1EA CS3 corrosion. Span 12, Truss 2, L26, Gusset Plate: Active corrosion with flaking rust and moderate pitting. 1EA CS3 corrosion.						
	Span 13, Truss 1 and 2, L44, Gusset Plate: Active corrosion with section loss up to 3/16". 2EA CS3 corrosion.						
	Span 14, Truss 1 and 2, L51, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion. Span 14, Truss 1 and 2, L52, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion. Span 14, Truss 1 and 2, L56, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion. Span 14, Truss 1 and 2, L60, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.						



Asset #02899(Routine, NSTM)
US 49- Phillips Co over Mississippi River-Dist 1
Location: 1 MI E JCT SH 20 & 44
Team Lead: Austin Janes Inspection Date: 04/02/2026

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
	Span 14, Truss 1 and 2, L63, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.						
	Span 14, Truss 1, L64, Inside Gusset Plate: Cracked tack weld. 1EA CS2 crack.						
	Span 14, Truss 2, L50, Gusset Plate: Active corrosion with pack rust, causing minor distortion to the gusset plate. 1EA CS3 corrosion.						
	Span 14, Truss 2, L53, Gusset Plate: Active corrosion with pack rust between the lateral bracing and lower lateral gusset plate connection. 1EA CS3 corrosion.						
	Span 14, Truss 2, L54, Gusset Plate: Active corrosion with flaking rust and section loss up to 1/8". 1EA CS3 corrosion.						
	Span 14, Truss 2, L58, Inside Gusset Plate: Active corrosion with pack rust between the gusset plate and the lower chord. 1EA CS3 corrosion.						
	Span 14, Truss 2, L59, Outside Gusset Plate: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion.						
	Span 15, Truss 1 and 2, L67, Gusset Plate: Active corrosion with flaking rust and section loss ranging from 1/16" – 1/8". 2EA CS3 corrosion.						
	Span 15, Truss 1, L70: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion.						
	Span 15, Truss 1, L74: Active corrosion with flaking rust and section loss up to 1/16". 1EA CS3 corrosion.						
	Span 15, Truss 2, L73: Active corrosion with flaking rust and section loss up to 1/8". 1EA CS3 corrosion.						
	Upper Chord Gusset Plate:						
	Span 12, Truss 1, U23, Outside Gusset Plate: Active corrosion with section loss up to 1/16". 1EA CS3 corrosion.						
	Span 13, Truss 1, L33 to U33, Center Gusset Plate: Active corrosion with surface rust and flaking paint. 1EA CS2 corrosion.						
	Span 13, Truss 1, U35, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.						
	Span 13, Truss 1, U37, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.						
	Span 13, Truss 1, U35, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.						
	Span 14, Truss 1, U53, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.						
	Span 15, Truss 1, U71, Gusset Plate: Minor surface corrosion. 1EA CS2 corrosion.						



Asset #02899(Routine, NSTM)
US 49- Phillips Co over Mississippi River-Dist 1
Location: 1 MI E JCT SH 20 & 44
Team Lead: Austin Janes Inspection Date: 04/02/2026

Signatures

Signature

Printed Name

Date

Robert L Swan

Lee Swan

05/27/2026

Austin Janes

(Team Lead) Austin Janes

05/27/2026

Jonathan Little

Jon Little

05/27/2026

Nathaniel Brown

Nate Brown

05/27/2026

Nathan Edwards Jr.

Nathan Edwards Jr

05/27/2026

Demetric Jones

Demetric Jones

05/27/2026

Aaron Thomas

Aaron Thomas

05/27/2026

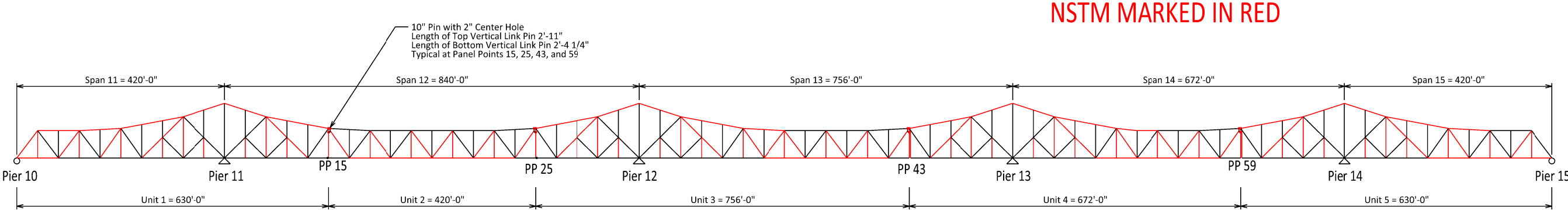
David Greenwood

David Greenwood

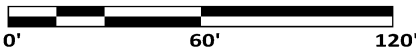
05/27/2026

MISSISSIPPI RIVER BRIDGE NO. 02899

Main River Spans 11 thru 15



ARKANSAS STATE HIGHWAY COMMISSION
Little Rock, ARK.



Scale: 1"=60'

Inspection Dir: N to S

Channel Flow: N to S

BRIDGE NO.

02899

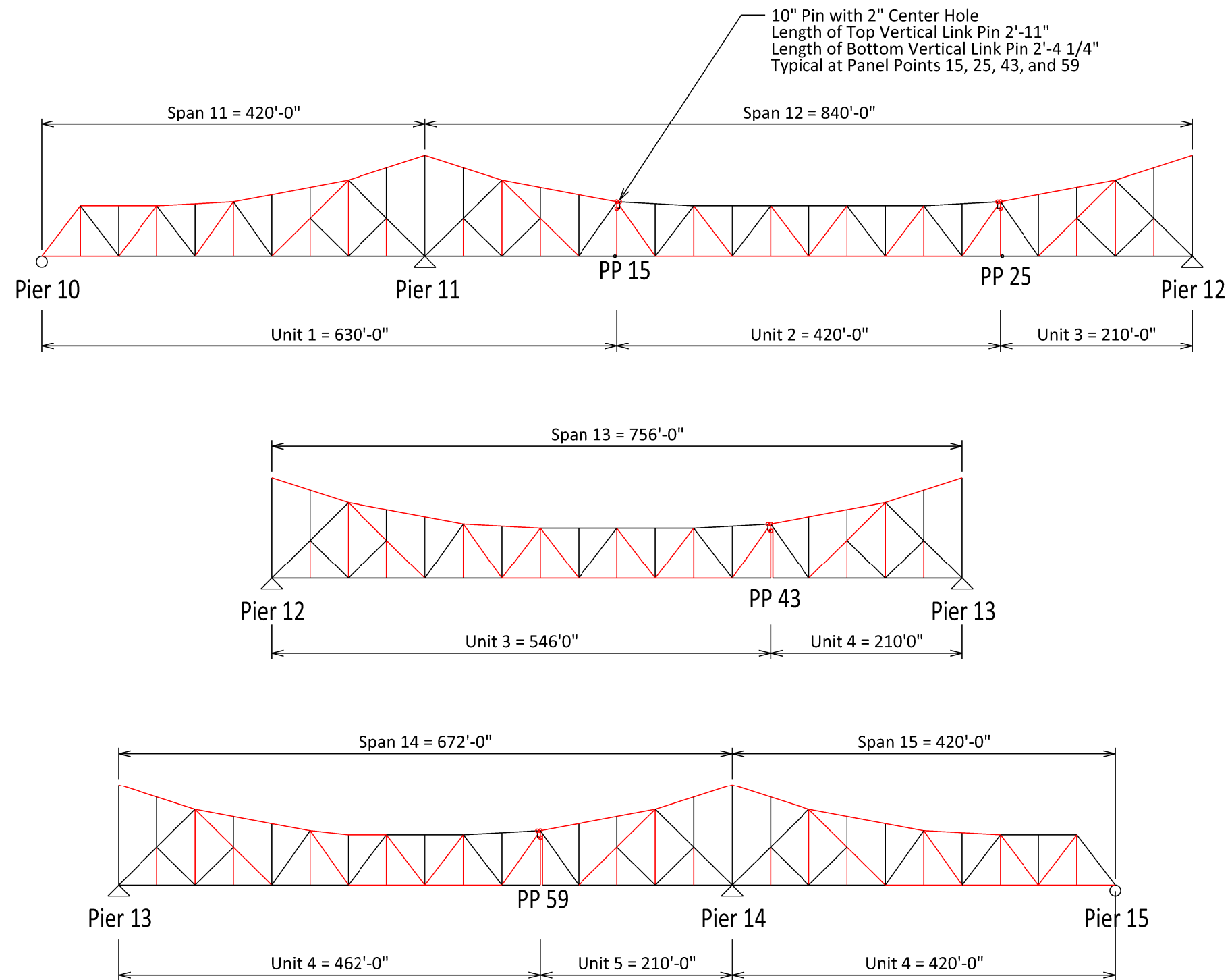
Drawn By: AMJ

Project: NSTM

Checked By: JML

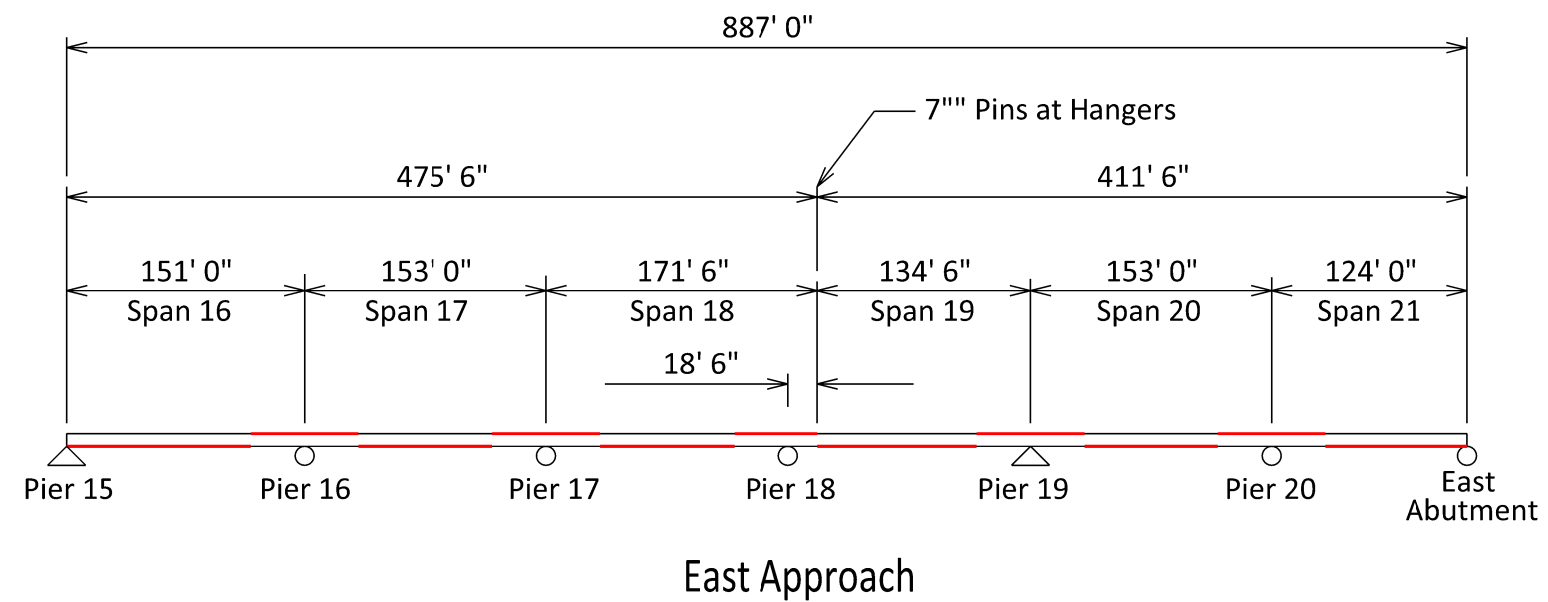
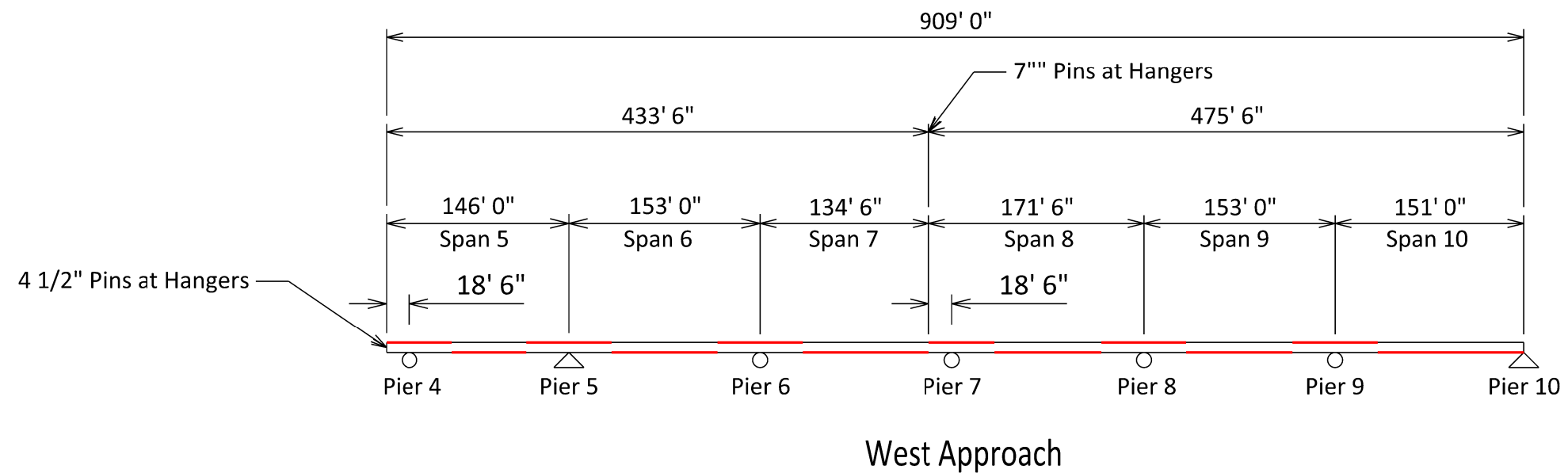
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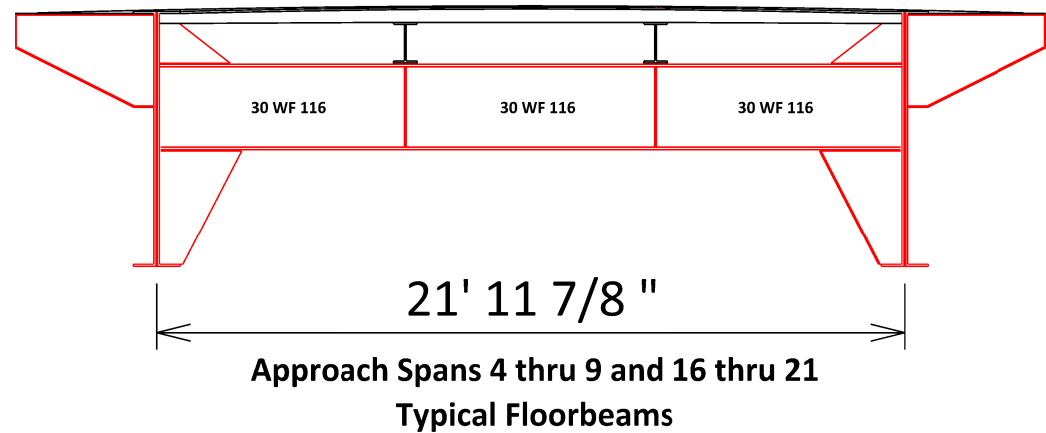
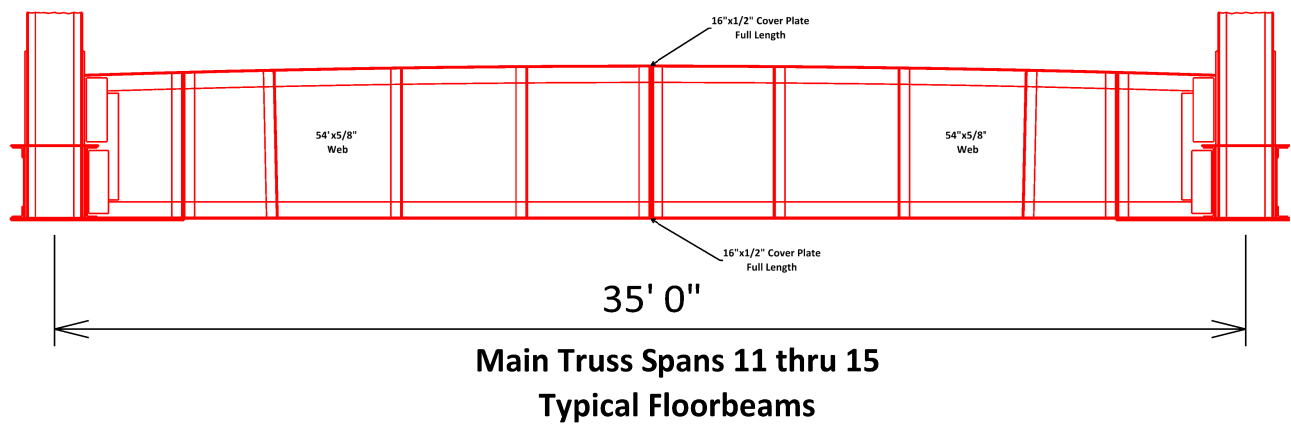
NSTM MARKED IN RED

ARKANSAS STATE HIGHWAY COMMISSION Little Rock, ARK.	Scale: 1"=60'		BRIDGE NO. 02899		
			Drawn By: AMJ	Project: NSTM	
	Inspection Dir: N to S	Channel Flow: N to S	Checked By: JML	Date: 04/29/2026	



NSTM MARKED IN RED

ARKANSAS STATE HIGHWAY COMMISSION Little Rock, ARK.	Scale: 1"=60'		BRIDGE NO. 02899		
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	Inspection Dir: N to S	Channel Flow: N to S	Checked By: JML	Date: 04/29/2026	



NSTM MARKED IN RED

ARKANSAS STATE HIGHWAY COMMISSION
Little Rock, ARK.

Scale: 1"=60'

Inspection Dir: N to S

Channel Flow: N to S

BRIDGE NO.

02899

Drawn By: AMJ

Project: NSTM

Checked By: JML

Date: 04/29/2026

