



BRIDGE PROTECTION SYSTEMS ATTACHMENT

MDTA 2023 Bridge Inspection Report (S17-S19)

Baltimore, MD

DCA24MM031

(625 pages)



MARYLAND TRANSPORTATION AUTHORITY
FSK-Francis Scott Key Bridge
Bridge - Biennial
FOR
STRUCTURE No. BCZ472001(S17-S19)
IS 695 OVER PATAPSCO RIVER



Firm Performing the inspection:	WBCM		
Inspection Team Leader	John Paul Devereaux (TL)	ASIR E-Signature	45518
QC Engineer:	Mitchell Dobres (QC)	ASIR E-Signature	28352
	Name	Signature	PE Number

Reports denoted with an "ASIR E-Signature" in the signature column have been reviewed and approved by the Inspection Team Leader and QC Engineer denoted in the name column.



MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

LOCATION MAP
STRUCTURE No. BCZ472001(S17-S19)
LOCATION: IS 695 OVER PATAPSCO RIVER

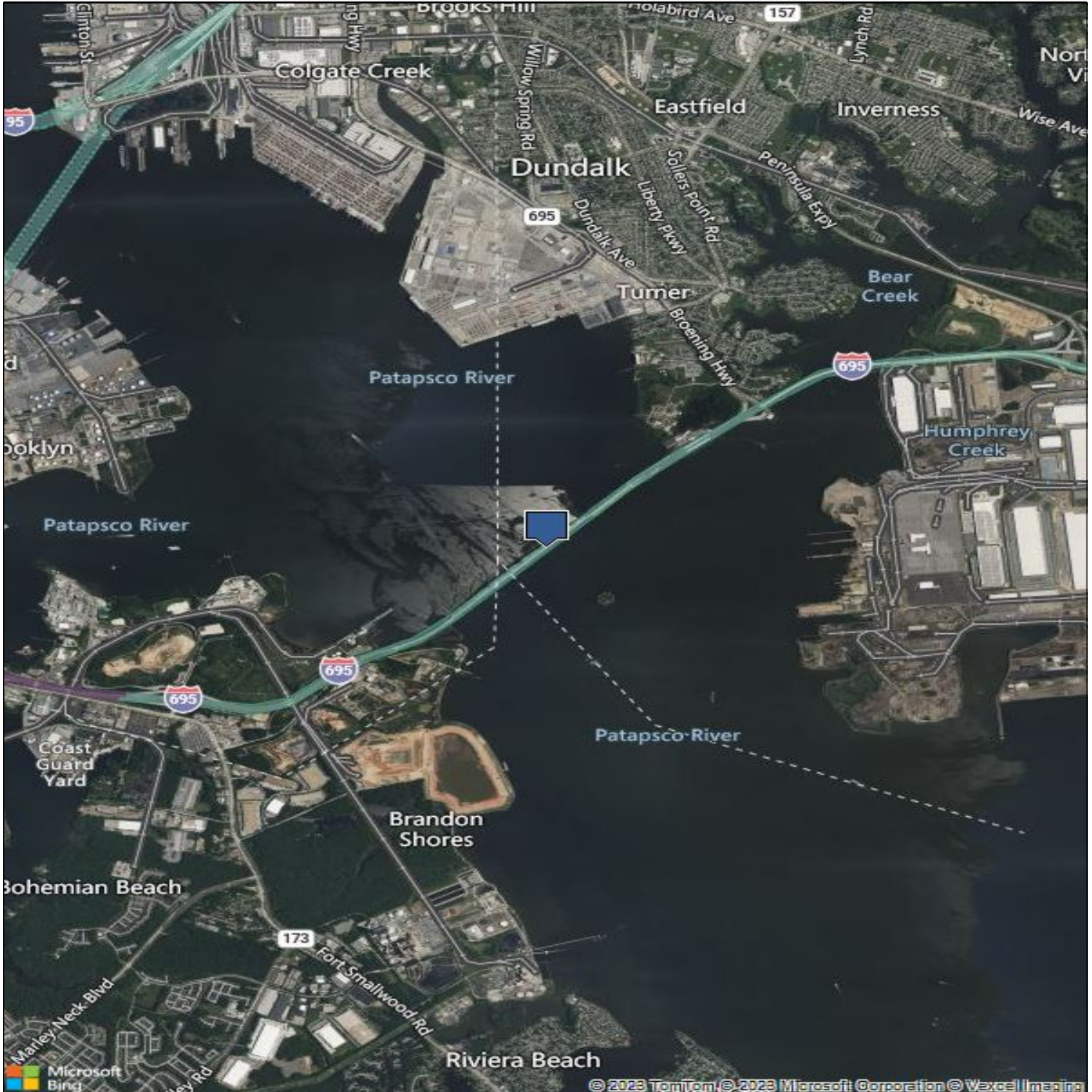




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GENERAL INFORMATION



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

GENERAL NOTES

MDTA Priority Repair Codes:

E - Emergency: Items in this category represent conditions that affect either the integrity of the structure or public safety. MDTA is to be notified immediately upon finding the defect. Follow-up is required immediately after notification by the inspection team to determine course of action. Items of this category will be addressed immediately. Subsequently, they will be reclassified to another repair code prior to report completion.

1 - First Priority: Items in this category are structural deficiencies on primary, load carrying members and safety deficiencies on other members that are not emergencies but require prompt attention. These defects should be among the first items to receive follow-up. First Priority items typically receive engineering evaluation with consideration for repairs within one year of reporting.

2 - High Priority: Items in this category are moderate deficiencies that do not pose any immediate concerns. These are nonstructural deficiencies on primary, load carrying members or structural deficiencies on secondary members and that do not present safety concerns. Typically, these deficiencies are repaired by system preservation contracts to avoid worsening to First Priority or the development of other First Priority deficiencies but may be deferred depending on available funding. Defects should be monitored and verified for condition during future inspections.

3 - Medium Priority: Items in this category are not serious deficiencies. These defects are primarily serviceability-related issues that are less likely to worsen significantly during the next several inspection cycles. Typically, these deficiencies are repaired by system preservation contracts, but may be deferred depending on available funding. Follow-up should be made after the high priority items and should be monitored in future inspections.

Condition Rating Definitions:

The following is the NBI general condition rating scale for Items 58, 59, and 60. This scale shall be used as a guide in conjunction with direction included in Chapter 4.1 of the MDTA Facilities Inspection Manual:

N - Not Applicable

9 - Excellent Condition

8 - Very Good Condition - no problems noted.

7 - Good Condition - some minor problems.

6 - Satisfactory Condition - structural elements show some minor deterioration.

5 - Fair Condition - all primary structural elements are sound but may have minor section loss, cracking, spalling, or scour.

4 - Poor Condition - advanced section loss, deterioration, spalling, or scour.

3 - Serious Condition - loss of section, deterioration, spalling, or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.

2 - Critical Condition - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.

1 - "Imminent" Failure Condition - major deterioration or section loss present in critical structural components, or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put bridge back in light service.

0 - Failed Condition - out of service; beyond corrective action.



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

EXECUTIVE SUMMARY

Bridge BCZ472001 (S17-S19), I-695 over Patapsco River is in satisfactory condition overall.

The 2023 Biennial Inspection was performed on January 9-12, 16-18, February 27-28, March 1-2, 6-9, 13, 16-17, 20-22, 27-30, April 3-4, 24-26, and May 10, 2023.

SI&A Item 58 – Deck: The reinforced concrete deck is in overall satisfactory condition (Item 58 Rating = 6). There are several spalls and delaminations throughout the concrete wearing surface, parapets, fascia, and median. There are several concrete repair patches throughout the concrete wearing surface and fascia. Repairs were performed since the previous inspection; spalls and delaminations in the wearing surface, and parapets were patched and sealed. There is one (1) new Priority 1 repair in the deck for a 1'-4" long x 1'-0" wide x 1 3/4" deep spall in the Northbound Right Lane, 15'-0" north of PP38 along right wheel path (ID 2023-BCZ472001(S17-S19)-00076).

SI&A Item 59 – Superstructure: The truss spans are in overall satisfactory condition (Item 58 Rating = 6). Throughout the steel truss, there are numerous areas of minor corrosion, pack rust, and painted over section loss. There is moderate corrosion and pack rust at the stringer bearings and gusset plates. The stringer bearings and bottom chord field splice plates are deformed due to pack rust throughout. Several repairs were performed since the previous inspection; areas have been spot cleaned and painted, and one (1) Priority repair for differential settlement at the PP41 Joint (ID 2021-BCZ472001 (S17-S19)-00341) was repaired. There is one (1) new Priority 1 repair in the superstructure for a crack in the first diaphragm north of Floorbeam 29 in Bay 2 in Span 18 (2023-BCZ472001(S17-S19)-00386).

SI&A Item 60 – Substructure: The concrete piers are in overall satisfactory condition (Item 58 Rating = 6). Throughout the concrete columns and pier caps, there are large delaminations with areas of minor spalling. These delaminations are at the edges of the pier caps and on the outboard faces of the columns, beneath the bearings. A few repairs were performed since the previous inspection; delaminations in the concrete have been patched. There are no new Priority 1 repairs in the Substructure.

The Low-Level Lights are now completed in the Survey 123 database and were not inspected as part of this biennial inspection; however, the portion below the parapet were inspected during this inspection.

There are no LOC's included in this report. There are no components with a condition rating of 4 or less for this bridge.

There are no flammable or stockpiled materials stored on or under this structure.

A hydrographic survey was completed during this inspection cycle and is included in the BCZ472001(S17-S19) asset documents. The 2023 Hydrographic Survey Report indicates similar underwater topography throughout with minor channel bottom fluctuations, mostly adjacent to the piers. The largest channel bottom changes are in the navigation channel (Span 18), east of the bridge due to apparent dredging/widening since the previous cycle. Channel elevations are approximately 5' to 6' deeper in areas. Refer to the 2023 Hydrographic Survey Report for additional information.

Non-destructive (Ultrasonic) Testing was performed on 32 pins in accordance with the developed pin testing schedule. In addition the steel wind hear pin at PP61 in Span 18 was tested. The pin testing schedule is located in the 2022 Ultrasonic Testing Report. There were no abnormal or defect indications found on any of the pins tested. Refer to the 2022 Ultrasonic Testing Report, included at the end of this report, for additional information.

Refer to the Studies and Recommendations Summary for further details on special inspections.



MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

BRIDGE DESCRIPTION

Bridge BCZ472001 (S17-S19) (Main Spans of the Francis Scott Key Bridge) carries Interstate 695 (Inner Loop and Outer Loop) over the Patapsco River. The Main Spans have an overall length of approximately 2,640 feet from center-to-center bearings between Pier 16 and Pier 19, and an out-to-out width of 61'-2" +/- . The bridge is 56-feet wide from curb-to-curb (not including a 2'-0" +/- median barrier) and carries four (4) lanes of traffic, two (2) lanes in each direction.

The Main Spans are comprised of the three (3) through-truss spans that cross the primary navigation channel of the Patapsco River. The two (2) side spans (Spans 17 and 19) are 720-foot long through-truss spans measured from center-to-center bearings while the main span (Span 18, over the navigation channel) consists of a 1200-foot long suspended deck arch truss span measured from center-to-center bearings. The deck consists of reinforced concrete with stay-in-place forms present in all spans. The substructure consists of two (2) Potomac-type rigid frame piers (Piers 17 and 18) and one (1) two-column rigid frame reinforced concrete pier (Pier 19). Pier 19 has a concrete cap with two (2) intermediate concrete struts. There are fenders and dolphins at Piers 17 and 18.

The bridge went under construction in 1972 and opened to the public in 1977. No major rehabilitation has occurred since opening to the public.

The minimum parapet height is 2'-8" at the northeast corner.

The bridge is not posted for any special load restrictions.



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IS 695 OVER PATAPSCO RIVER

INVENTORY

This report is for the main span unit only (S17-S19).

For purposes of this report, defect locations are reported in the following manner:

Superstructure Members are numbered from West to East and Substructure Units and Spans are numbered from South to North. Directions are based on I-695 running North and South (i.e. north = northbound outer loop, south = southbound inner loop). The word "panel" is defined as the distance between consecutive floorbeams or cross frames and are numbered from South to North. The word "bay" is defined as the distance between consecutive girders or stringers and are numbered from West to East. Truss panel points are numbered from PP01 to PP89 with Span 17 from PP01-PP25 (PP25 at Pier 17), Span 18 from PP25-PP65 (PP65 at Pier 18), and Span 19 from PP65-PP89 (PP89 at Pier 19). Pier 16 from the base of the pedestals down is incorporated in the South Approach Spans, BCZ472001(S01-S16), report.

Adjoining structures include the South Approach Spans, BCZ472001(S01-S16), and the North Approach Spans, BCZ472001(S20-S37).

The minimum clearance below the portal is 15'-6". This clearance does not require posting.

Parapet height measurements are as follows:

Northwest Corner: 2'-9"

Northeast Corner: 2'-8"

Southwest Corner: 2'-10"

Southeast Corner: 2'-9"

The Main Spans (S17-S19) cross the Patapsco River. The Patapsco River runs from West to East.

The Low-Level Lights are now completed in the Survey 123 database and were not inspected as part of this biennial inspection; however, the portion below the parapet were inspected during this inspection.

The upper truss members and suspender cables were inspected using 135' and 80' manlifts and rope access with SPRAT certified climbers. The deck underside, stringers, floorbeams, and lower truss members were inspected with a 32' and 62' snooters deployed from the right lanes in both directions. A barge-mounted 125' manlift was used to inspect the substructure. A boat was used to inspect the fenders and dolphins.

The top of the deck was inspected from the right and left lanes in the northbound and southbound directions. The left lane topside in both directions was visually inspected from the right lane.

Only right lane closures of the Outer (northbound) Loop and Inner (southbound) Loop were used for the inspection. The left lane topside in both directions was visually inspected from the right lane.



STUDIES AND RECOMMENDATIONS

Overall, BCZ472001(S17-S19) is in satisfactory condition.

A hydrographic survey was completed during this inspection cycle and is included at the end of this report. The 2023 Hydrographic Survey Report indicates similar underwater topography throughout with minor channel bottom fluctuations, mostly adjacent to the piers. The largest channel bottom changes are in the navigation channel (Span 18), east of the bridge due to apparent dredging/widening since the previous cycle. Channel elevations are approximately 5' to 6' deeper in areas. Refer to the 2023 Hydrographic Survey Report for additional information.

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BCZ472001(S17-S19) is in similar condition compared to the previous inspection. There are no recommendations to improve or maintain the bridge condition based on holistic evaluation.

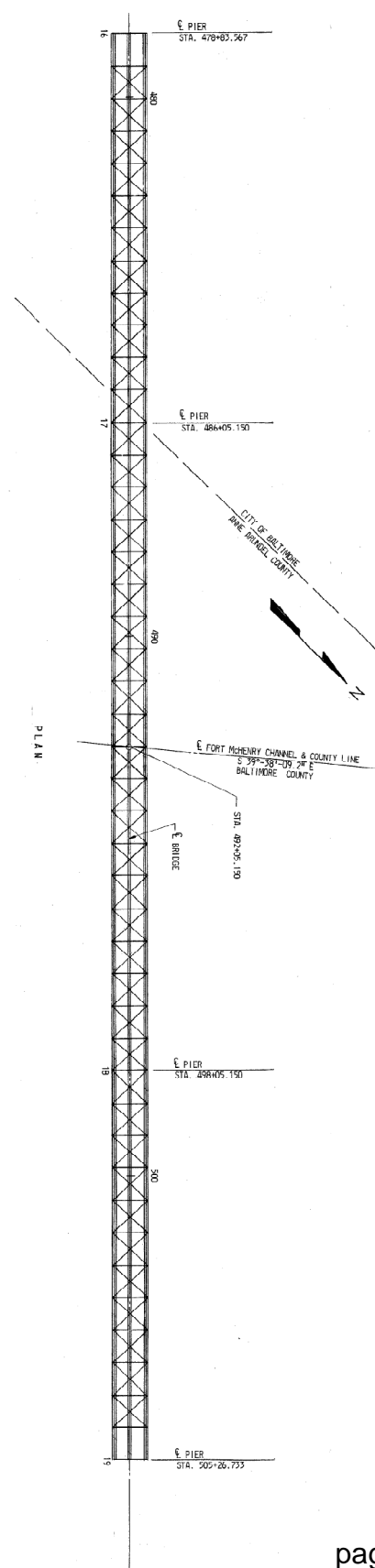
The following is a list of repairs have been performed since the previous inspection:

- Spalls, and delaminations have been patched in the wearing surface, parapets and substructure units.
- Select areas of moderate corrosion, and section loss have been painted over in the steel truss members.

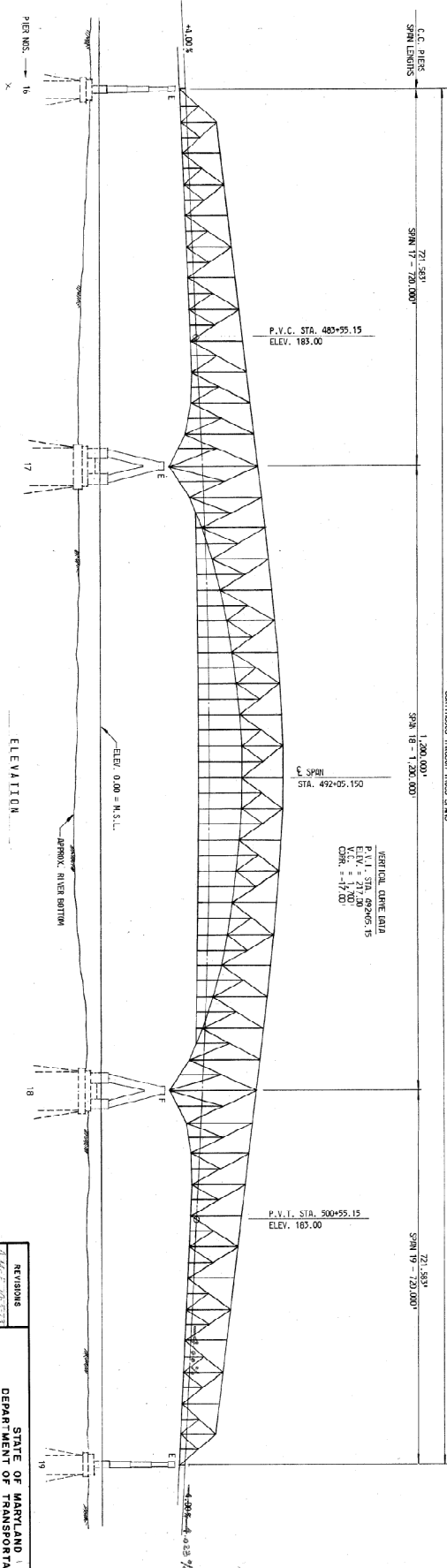
It is recommended that the laminar fold crack in the West Truss, Bottom Chord, bottom face, just north of L6, inside the south vertical edge of the access hole be ultrasonically tested to determine the extent of the crack and monitored in the future.

The following is a list of recommended repairs that are not tracked using individual repairs in ASIR, but should be addressed as part of the MDTA Operations' Preventative Maintenance Plan:

- Clean out the joint seals, joint troughs and scuppers.
- Seal the deck wearing surface.
- Clean and paint areas of minor corrosion.
- Remove debris accumulation from lateral connection plates.

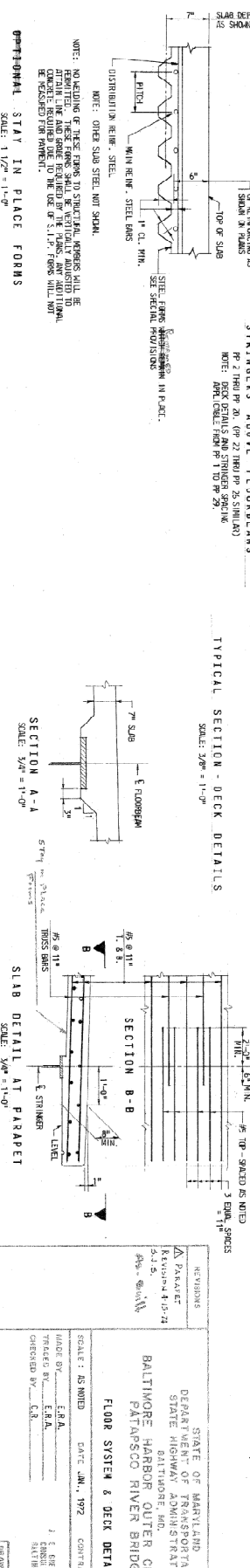
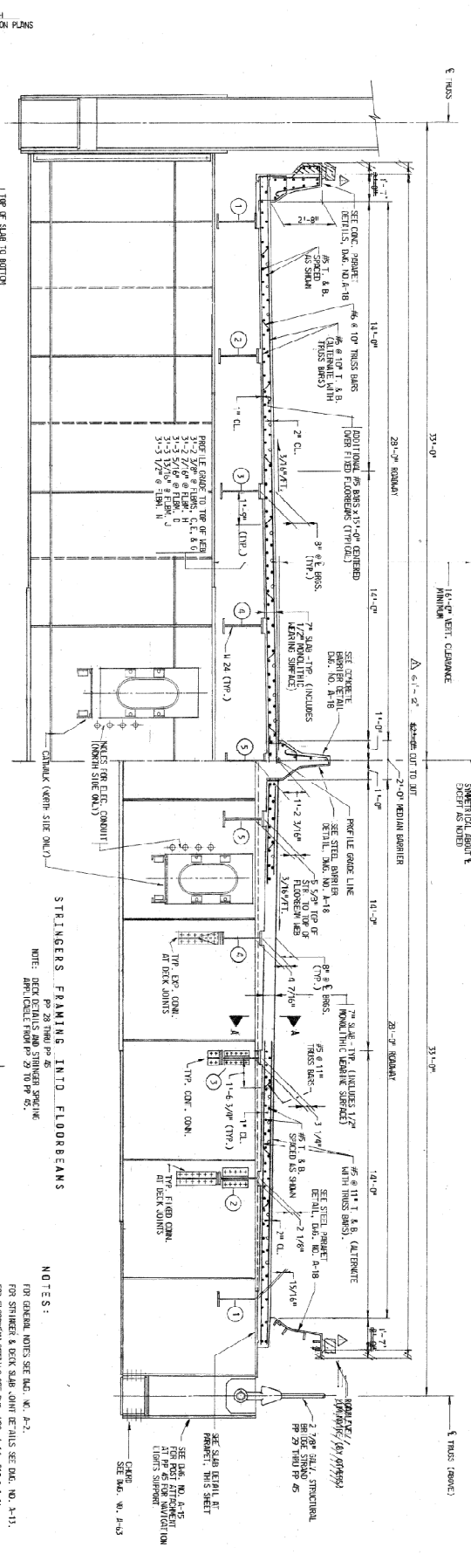
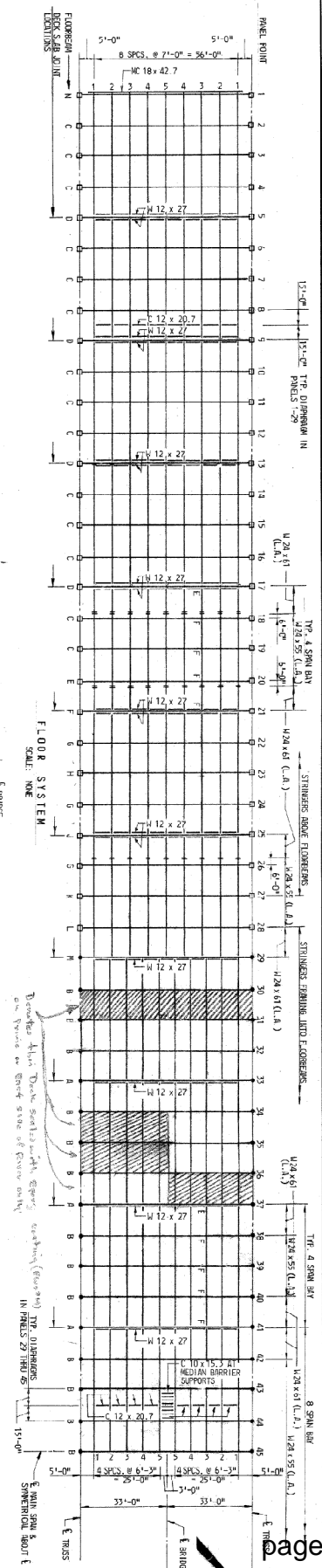


2006-2127
 C.C. BRIDGES OF BALTIMORE
 CONTINUOUS THROUGH TRUSS SPANS



NOTE:
 ALL DIMENSIONS & SPAN LENGTHS
 SHOWN ARE MEASURED FROM STATION 483+55.15
 UNLESS OTHERWISE NOTED.

REVISIONS DATE BY	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION BALTIMORE, MD. PATAPSCO RIVER BRIDGE GENERAL PLAN & ELEVATION II
MADE BY: E.R.A. CHECKED BY: E.R.A. DESIGNED BY: W.H.H.	SCALE: 1"=100' DATE: MAY, 1972 CONTRACT: OT-13
DRAWING NO. C-4 SHEET NO. 3 OF 36 INDEXED	FILE NO. _____ POCKET NO. _____ FOLDER NO. _____



10" OF SLAB TO BOTTOM OF REINFORCING AS SHOWN IN TABLES

1" CL. MIN.

STEEL FRAMING STRONGER IN PLACE.

SEE SPECIAL PROVISIONS.

MIN REIN. STEEL BARS

DISTRIBUTION REIN. STEEL

NOTE: OTHER SUB STEEL NOT SHOWN.

NOTE: NO LACING OF THESE FORMS TO STRUCTURAL MEMBERS WILL BE PERMITTED. THESE FORMS SHALL BE VERTICALLY ADJUSTED TO MAINTAIN THE CORRECT CLEARANCE TO THE TOP OF THE CONCRETE REQUIRED DUE TO THE USE OF 3.1.2" FORMS WILL NOT BE PERMITTED FOR VENTING.

SCALE: 1/2" = 1'-0"

STRINGERS ABOVE FLOOR BEAMS

PP 2 THRU PP 20, (PP 22 THRU PP 25, SIMILAR)

NOTE: DECK DETAILS AND STRINGER SPACING

SCALE: 3/8" = 1'-0"

SECTION A-A

SCALE: 3/8" = 1'-0"

SECTION B-B

SCALE: 3/8" = 1'-0"

NOTES:

FOR GENERAL NOTES SEE DET. NO. P-2.

FOR STRINGERS & DECK SLAB JOINTS SEE THIS SET DET. NO. A-11.

FOR FLOORBEAM DETAILS SEE DET. NOS. A-12, A-13 & A-16.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
BALTIMORE HARBOR QUATER CROSSING
PATAPSCO RIVER BRIDGE
FLOOR SYSTEM & DECK DETAILS

SCALE: AS NOTED

DATE: JUN. 1972

CONTRACT: 0-12

DESIGNED BY: F.A.A.

CHECKED BY: E.A.A.

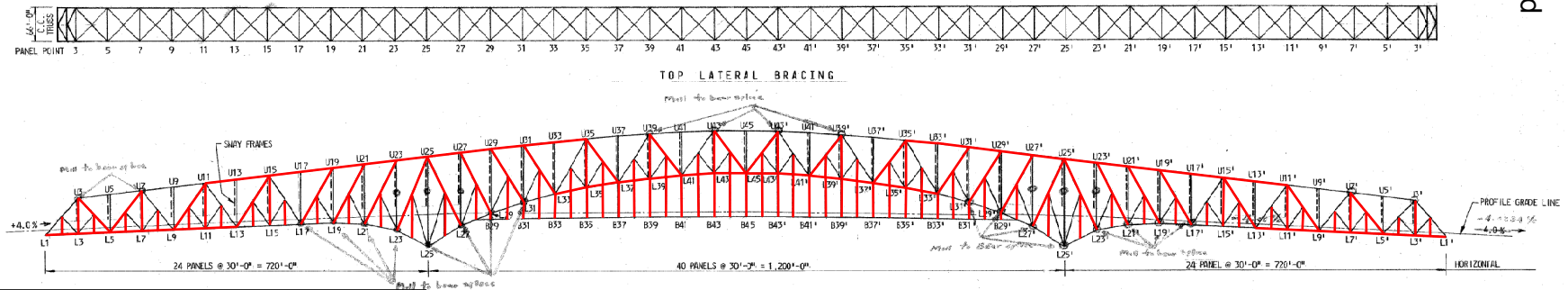
APPROVED BY: C.A.

1 E. GREENE CORP., INC.
BALTIMORE, MARYLAND

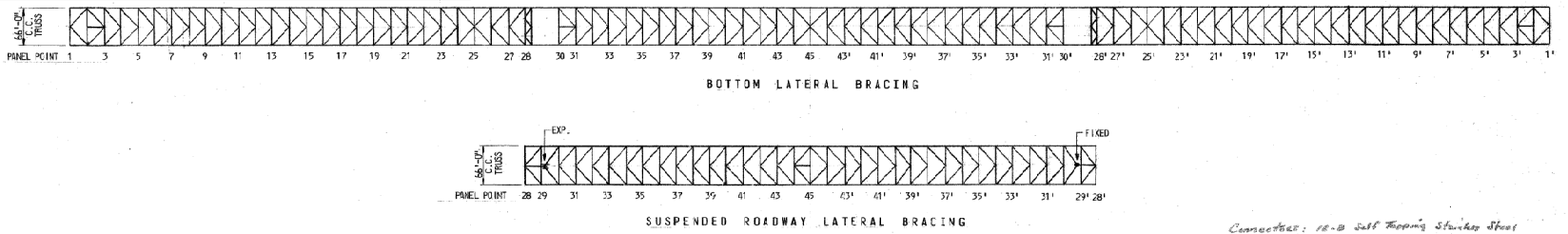
FILE NO. _____

PROJECT NO. _____

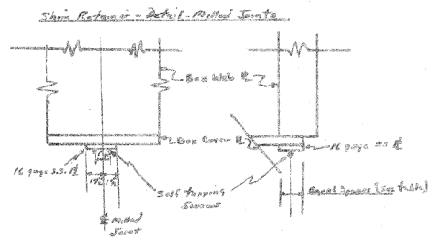
WORK SHEET NO. 12 OF 79



— Fracture Critical Member
 Other Fracture Critical Members: Floorbeams



ELEVATIONS											
PANEL POINT	PROFILE GRADE	UPPER CHORD	SUBDIVIDED POINTS	LOWER CHORD	SUSPENDED ROADWAY POINTS	PANEL POINT	PROFILE GRADE	UPPER CHORD	SUBDIVIDED POINTS	LOWER CHORD	SUSPENDED ROADWAY POINTS
1	154.200	-	-	152.500	-	26	192.355	-	237.470	151.720	-
2	165.400	-	187.200	155.700	-	27	193.139	311.609	-	170.540	-
3	166.400	221.900	-	154.900	-	28	193.880	-	257.090	186.460	186.960
4	167.800	-	189.600	156.100	-	29	194.579	318.900	-	202.380	187.159
5	165.000	229.400	-	157.300	-	30	195.235	-	273.640	212.380	187.815
6	170.200	-	197.100	158.500	-	31	195.849	325.900	-	222.380	188.429
7	171.400	236.900	-	159.700	-	32	196.428	-	281.110	229.400	189.001
8	172.600	-	199.500	160.900	-	33	196.961	332.600	-	236.420	189.531
9	173.800	244.400	-	162.100	-	34	197.458	-	287.840	241.465	190.018
10	175.000	-	207.000	163.300	-	35	197.882	339.300	-	246.510	190.462
11	176.200	251.400	-	164.500	-	36	198.265	-	297.590	251.555	190.865
12	177.400	-	209.400	165.700	-	37	198.645	344.800	-	256.600	191.225
13	178.600	259.400	-	166.900	-	38	198.962	-	308.450	260.050	191.542
14	179.800	-	216.900	168.100	-	39	199.238	350.300	-	263.500	191.818
15	181.000	266.900	-	169.300	-	40	199.471	-	313.350	266.950	192.051
16	182.200	-	219.300	170.500	-	41	199.661	354.200	-	270.400	192.241
17	183.398	274.400	-	171.700	-	42	199.809	-	314.250	272.350	192.389
18	184.562	-	226.800	172.865	-	43	199.915	358.100	-	274.300	192.495
19	185.685	281.900	-	174.050	-	44	199.979	-	315.200	274.300	192.559
20	186.785	-	231.715	175.165	-	45	200.000	358.100	-	274.300	192.580
21	187.822	289.400	-	176.300	-						
22	188.798	-	234.500	176.700	-						
23	189.751	296.900	-	177.100	-						
24	190.661	-	232.750	177.000	-						
25	191.529	306.400	-	177.900	-						



Beam	Column	Beam	Column
1/2"	1/2"	1/2"	1/2"
1/2"	1/2"	1/2"	1/2"
1/2"	1/2"	1/2"	1/2"
1/2"	1/2"	1/2"	1/2"
1/2"	1/2"	1/2"	1/2"

Connectors: 10-B Self Drilling Slotted Steel
 Select metal screws and washers.
 Beams: 0.250 g
 Length: 3/8"
 Max. Spacing - Chem. Cut No. 916 440318

NOTES:
 FOR GENERAL NOTES SEE Dwg. No. A-2.
 All dimensions shall be subject to AISC 15
 Div. A-2 Cont. 07-12

REVISIONS	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION BALTIMORE, MD. BALTIMORE HARBOR OUTER CROSSING PATAPSCO RIVER BRIDGE TRUSS FRAMING AND PANEL POINT ELEVATIONS	
SCALE: NONE	DATE: JUN. 1992	CONTRACT: 01-12
MADE BY: E.R.A.	J. E. ZIEGLER COMPANY, INC. ENGINEERING FACILITIES BILT. BSEL, BALTIMORE	
TRACED BY: E.R.A.		
CHECKED BY: C.P.G.		
File No. _____	Packet No. _____	Folder No. _____
		INDEXED



MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

Photos

PHOTO NO.: GENERAL
PHOTO - 1-Bridge-Elevation
1

Location: West (Upstream)
Elevation



PHOTO NO.: GENERAL
PHOTO - 2-Bridge-Elevation
2

Location: East (Downstream)
Elevation





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: GENERAL
PHOTO - 5-Bridge-Channel
1

Location: Upstream (Looking
West)



PHOTO NO.: GENERAL
PHOTO - 6-Bridge-Channel
2

Location: Downstream
(Looking East)





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IS 695 OVER PATAPSCO RIVER

PHOTO NO.: GENERAL
PHOTO - 3-Bridge-
Approaches 1

Location: South Approach
(Span 17, Southbound
Lanes) Looking North



PHOTO NO.: GENERAL
PHOTO - 8-Bridge-Deck
Underside

Location: Typical Deck
Underside (Span 18, Looking
South)





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: GENERAL
PHOTO - Non-Bridge-2nd
General Picture

Location: Typical Pier (Pier
18, Looking East)



PHOTO NO.: GENERAL
PHOTO - Non-Bridge-2nd
General Picture

Location: Typical Pier (Pier
19, Looking East)





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

NO LETTER OF CONCERNS ATTACHED



INSPECTION FINDINGS



2023 BRIDGE - BIENNIAL INSPECTION REPORT
FOR
STRUCTURE No. BCZ472001(S17-S19)
MDTA REPAIR CATEGORY SUMMARY

MDTA Repair Category	Number of New Inspection Findings	Total Number of Inspection Findings
Repair 1-First Priority	2	3
Repair 2-High Priority	3	32
Repair 3-Medium	397	1350

LOAD RATINGS SUMMARY

Load rating required: No

		RATING METHOD	
		LFR	LFR
Vehicle Type	Vehicle Weight (Tons)	Inventory	Operating
HL-93	-		
H15 - Vehicle	15	19.0	26.0
HS Vehicle	36	33.0	49.0
Type 3S2 Modified Vehicle	40	99.9	99.9
Type 4 Vehicle	35	36.0	58.0
150 Kip Vehicle	75	75.0	99.9



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BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Major Rehabilitation/System Preservation Recommendation Summary

Major Rehab/Sys. Preservation candidate for evaluation/Testing: **NO**

If Yes, which component(s):

Deck (58):

Superstructure (59):

Substructure (60):



MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

Inspection Dates

Date	Begin	End	Weather	Temperature	Access Equipment
1/9/2023	9:00:00 AM	3:00:00 PM	Sunny	40 °F	Inner Loop right Lane closure with A-62 snooper. Span 18 superstructure underside inspection. Second team performed top of deck inspection.
1/10/2023	9:00:00 AM	3:00:00 PM	Sunny	40 °F	Inner Loop right lane closure with A-62 snooper. Span 18 superstructure inspection. Second team performed top of deck inspection.
1/11/2023	9:00:00 AM	3:00:00 PM	Sunny	38 °F	Inner Loop right lane closure with A-62 snooper. Span 18 superstructure underside inspection.
1/12/2023	9:00:00 AM	3:00:00 PM	Sunny	43 °F	Inner Loop right lane closure with A-62 snooper. Span 18 superstructure underside inspection.
1/16/2023	9:00:00 AM	3:00:00 PM	Sunny	42 °F	Inner Loop right lane closure with A-62 snooper. Span 18 superstructure underside inspection.
1/17/2023	9:00:00 AM	3:00:00 PM	Cloudy	42 °F	Outer Loop right lane closure with A-62 snooper. Span 18 superstructure underside inspection.
1/18/2023	9:00:00 AM	3:00:00 PM	Sunny	50 °F	Outer Loop right lane closure top of deck inspection.
2/27/2023	9:00:00 AM	3:00:00 PM	Cloudy	38 °F	Outer loop right lane closure with A-62 snooper. Span 17 superstructure underside inspection.
2/28/2023	9:00:00 AM	3:00:00 PM	Rain	45 °F	Inner loop right lane closure with A-62 snooper. Span 17 superstructure underside inspection.
3/1/2023	9:00:00 AM	3:00:00 PM	Sunny	45 °F	Inner Loop right lane closure with A-62 snooper. Span 17 superstructure underside inspection.
3/2/2023	9:00:00 AM	3:00:00 PM	Cloudy	50 °F	Inner Loop right lane closure with A-62 snooper. Span 17 superstructure underside inspection.
3/6/2023	9:00:00 AM	3:00:00 PM	Sunny	50 °F	Inner Loop right lane closure with 80' manlift. Span 17 and 18 upper truss inspection.
3/7/2023	9:00:00 AM	3:00:00 PM	Sunny	45 °F	Inner Loop right lane closure with A-62 snooper. Span 17 and 18 superstructure underside inspection.
3/8/2023	9:00:00 AM	3:00:00 PM	Sunny	45 °F	Outer Loop right lane closure with A-62 snooper. Span 17 and 18 superstructure underside inspection.
3/9/2023	9:00:00 AM	3:00:00 PM	Sunny	45 °F	Inner Loop right lane closure with 80' manlift. Span 17 upper truss inspection.



MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

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3/13/2023	9:00:00 AM	3:00:00 PM	Cloudy	40 °F	Inner Loop right lane closure with A-62 snooper. Span 19 superstructure underside inspection. TranSystems performed superstructure above deck inspection with manlift and SPRAT.
3/16/2023	9:00:00 AM	3:00:00 PM	Cloudy	40 °F	Inner loop right lane closure with A-62 snooper. Span 19 superstructure underside inspection. TranSystems performed superstructure above deck inspection with manlift and SPRAT.
3/17/2023	9:00:00 AM	3:00:00 PM	Cloudy	40 °F	Inner Loop right lane closure with A-62 snooper. Span 19 superstructure underside inspection. TranSystems performed superstructure above deck inspection with manlift and SPRAT.
3/20/2023	9:00:00 AM	3:00:00 PM	Cloudy	42 °F	Outer Loop right lane closure with 135' manlift. Span 17 and 18 superstructure above deck inspection.
3/21/2023	9:00:00 AM	3:00:00 PM	Cloudy	42 °F	Outer loop right lane closure with 135' manlift. Span 17 and 18 superstructure above deck inspection.
3/22/2023	9:00:00 AM	3:00:00 PM	Sunny	55 °F	Inner loop right lane closure with 135' manlift. Span 17 and 18 superstructure above deck inspection.
3/27/2023	9:00:00 AM	3:00:00 PM	Cloudy	50 °F	Inner loop right lane closure with 135' manlift. Span 18 and 19 superstructure above deck inspection.
3/28/2023	9:00:00 AM	3:00:00 PM	Sunny	50 °F	Inner loop right lane closure with 135' manlift. Span 18 and 19 superstructure above deck inspection. Second team performed substructure inspection with safety boat.
3/29/2023	9:00:00 AM	3:00:00 PM	Sunny	52 °F	Outer loop right lane closure with 135' manlift. Span 19 superstructure above deck inspection.
3/30/2023	9:00:00 AM	3:00:00 PM	Sunny	45 °F	Outer loop right lane closure with A-62 snooper. Span 18 and 19 superstructure underside inspection.
4/3/2023	9:00:00 AM	3:00:00 PM	Sunny	54 °F	Span 17, 18 and 19 substructure inspection with 120' manlift on barge.
4/4/2023	9:00:00 AM	3:00:00 PM	Sunny	63 °F	Span 17, 18 and 19 substructure inspection with 120' manlift on barge.
4/24/2023	9:00:00 AM	3:00:00 PM	Sunny	52 °F	Outer loop right lane closure with B-32 snooper. Span 19 superstructure underside inspection. PRIME AE performed Span 18 superstructure above deck inspection with manlift.



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4/25/2023	9:00:00 AM	3:00:00 PM	Sunny	52 °F	Outer Loop right lane closure with B-32 snooper. Span 19 superstructure underside inspection. PRIME AE performed Span 18 superstructure above deck inspection with manlift.
4/26/2023	9:00:00 AM	3:00:00 PM	Sunny	55 °F	Outer Loop right lane closure with B-32 snooper. Span 19 superstructure underside inspection. PRIME AE performed Span 18 superstructure above deck inspection with manlift.
5/10/2023	9:00:00 AM	3:00:00 PM	Sunny	65 °F	Inner Loop right lane closure with A-62 snooper. Span 18 and 19 superstructure underside inspection.



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

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NO INACCESSIBLE LOCATIONS AND RECOMMENDATIONS ATTACHED



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

**MARYLAND TRANSPORTATION AUTHORITY
2023 BRIDGE - BIENNIAL INSPECTION REPORT**

Bridge No: BCZ472001(S17-S19) Bridge Name: FRANCIS SCOTT KEY BRIDGE Date: 01/09/2023
 Carries: IS 695 Crossing: PATAPSCO RIVE County: 510-BALTIMORE CITY
 Bridge Type: D-Steel Continuous Year Built: 1976 City/Town: Baltimore City
 No. of Spans: 0003 Inspection Type: Bridge - Biennial
 Inspection Crew: DR, JD, JH, MJG, NW

Condition Ratings

Component	Span-Deck rating	Span-Substructure rating	Span-Superstructure rating
Span 17	6	6	6
Span 18	6	6	6
Span 19	6	6	6



MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

**MARYLAND TRANSPORTATION AUTHORITY
2023 BRIDGE - BIENNIAL INSPECTION REPORT**

Bridge No: BCZ472001(S17-S19)

Bridge Name: FRANCIS SCOTT KEY BRIDGE

Date: 01/09/2023

Carries: IS 695

Crossing: PATAPSCO RIVE

County: 510-BALTIMORE CITY

Bridge Type: D-Steel Continuous

Year Built: 1976

City/Town: Baltimore City

No. of Spans: 0003

Inspection Type: Bridge - Biennial

Inspection Crew: DR, JD, JH, MJG, NW

ITEM	58	DECK	UNIT:	6
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Main Bin SI&A	
2023	2021
6	6

#ELEMENT	TYPE	17	18	19
58.01 - Wearing Surface		5	5	5
58.03 - Fascias		5	5	5
58.04 - Railings & Parapets		5	5	5
58.05 - Scuppers		7	7	7
58.06 - Median		5	7	6
58.07 - Deck Underside		7	7	7
58.08 - Lighting Standards		7	5	6
58.09 - Traffic Signs		N	N	N
58.10 - Joints		N	N	N

No ratings found for Begin Approach

No ratings found for end approach



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

MARYLAND TRANSPORTATION AUTHORITY
2023 Bridge - Biennial INSPECTION REPORT

Bridge No: BCZ472001(S17-S19)

Bridge Name: FRANCIS SCOTT KEY BRIDGE

Date: 01/09/2023

Carries: IS 695

Crossing: PATAPSCO RIVE County: 510-BALTIMORE CITY

Bridge Type: D-Steel Continuous

Year Built: 1976

City/Town: Baltimore City

No. of Spans: 0003

Inspection Type: Bridge - Biennial

Inspection Crew: DR, JD, JH, MJG, NW

ITEM	59	SUPERSTRUCTURE	UNIT:	6
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Main Bin SI&A	
2023	2021
6	6

# ELEMENT	TYPE
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100% HANDS ON INSPECTION REQUIRED FOR THE FOLLOWING ITEMS: Please see the span by span ratings when appropriate.

Component Name	Y/N	LOCATION/DESCRIPTION
59.91 Pin and Hanger	No	
59.92 FCM Tension Zone	Yes	Truss Bottom Chords, Verticals, Diagonals, and Floorbeams
59.93 Non-Redundant Framing	Yes	Truss Bottom Chords, Verticals, Diagonals, and Floorbeams
59.94 Other Fracture Critical Pins	Yes	Suspender Hanger Pins.
59.95 Fatigue Prone Welds (AASHTO D, E, or E')	Yes	Tack Welds
59.96 Other Fatigue Prone Details	Yes	Small web gaps at diaphragm connection plates.



MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

**MARYLAND TRANSPORTATION AUTHORITY
2023 Bridge - Biennial INSPECTION REPORT**

Bridge No: BCZ472001(S17-S19)

Bridge Name: FRANCIS SCOTT KEY BRIDGE

Date: 01/09/2023

Carries: IS 695

Crossing: PATAPSCO RIVE County: 510-BALTIMORE CITY

Bridge Type: D-Steel Continuous

Year Built: 1976

City/Town: Baltimore City

No. of Spans: 0003

Inspection Type: Bridge - Biennial

Inspection Crew: DR, JD, JH, MJG, NW

ITEM	60	SUBSTRUCTURE	UNIT:	6	Main Bin SI&A	
					2023	2021
					6	6

# ELEMENT	TYPE	17	18	19
60.01 - Pedestals		6	7	7
60.02 - Solid Stem		N	N	N
60.03 - Capbeam/Top of Pier		7	6	6
60.04 - Columns		6	6	6
60.05 - Footing		N	N	N
60.06 - Erosion/Scour		7	N	N
60.08 - Catwalk		N	6	7
60.09 - Fender/Armoring		7	7	N
60.24 - Settlement		7	7	7
60.25 - Fender System		6	6	N
60.30 - Struts		N	6	6
60.Utilities		7	7	7

BEGIN ABUTMENT	TYPE	RATING
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END ABUTMENT	TYPE	RATING
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MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

MARYLAND TRANSPORTATION AUTHORITY
2023 Bridge - Biennial INSPECTION REPORT

Bridge No: BCZ472001(S17-S19) Bridge Name: FRANCIS SCOTT KEY BRIDGE

Date: 01/09/2023

Carries: IS 695

Crossing: PATAPSCO RIVE County: 510-BALTIMORE CITY

Bridge Type: D-Steel Continuous

Year Built: 1976

City/Town: Baltimore City

No. of Spans: 0003

Inspection Type: Bridge - Biennial

Inspection Crew: DR, JD, JH, MJG, NW

ITEM 61 CHANNEL UNIT: 8

Table with 2 columns: 2023, 2021. Row 1: 7, 7. Title: Main Bin SI&A

Table with 3 columns: # ELEMENT, TYPE, RATING

ITEM 62 CULVERTS UNIT: N

Table with 2 columns: 2023, 2021. Row 1: N, empty. Title: Main Bin SI&A

Table with 3 columns: # ELEMENT, TYPE, RATING



BRIDGE ELEMENT DATA

Span: ALL								
Element Number	Element Description	Unit of Measure	Element Parent Number	Total Quantity	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12	Reinforced Concrete Deck (SF)	SF	-	161480	98070	63304	106	0
113	Steel Stringer (LF)	LF	-	24730	24518	212	0	0
515	Steel Protective Coating (SF)	SF	113	137988	137799	170	19	0
120	Steel Truss (LF)	LF	-	5280	4512	576	192	0
515	Steel Protective Coating (SF)	SF	120	428608	416081	2239	10019	269
8121	Steel Bottom Chord of Through Truss (LF)	LF	120	5280	4968	186	126	0
8126	Steel Through Truss, Excluding Bottom Chord (LF)	LF	120	5280	4745	461	74	0
148	Steel Cable-Secondary (EA)	EA	-	66	52	14	0	0
515	Steel Protective Coating (SF)	SF	148	2926	2644	35	247	0
152	Steel Floor Beam (LF)	LF	-	5644	4752	515	377	0
515	Steel Protective Coating (SF)	SF	152	121850	119713	336	1801	0
161	Steel Pin, Pin and Hanger Assembly, or Both (EA)	EA	-	132	116	14	2	0
515	Steel Protective Coating (SF)	SF	161	290	256	15	19	0
162	Steel Gusset Plate (EA)	EA	-	352	244	60	48	0
515	Steel Protective Coating (SF)	SF	162	53342	53151	34	156	1
205	Reinforced Concrete Column (EA)	EA	-	10	0	10	0	0
210	Reinforced Concrete Pier Wall (LF)	LF	-	367	210	157	0	0
220	Reinforced Pile Cap/Footing (LF)	LF	-	268	159	75	34	0
234	Reinforced Concrete Pier Cap (LF)	LF	-	76	63	11	2	0
302	Compression Joint Seal (LF)	LF	-	1223	783	0	440	0



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BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

Span: ALL								
305	Assembly Joint without Seal (LF)	LF	-	122	61	61	0	0
311	Movable Bearing (roller, sliding, etc.) (EA)	EA	-	6	0	6	0	0
515	Steel Protective Coating (SF)	SF	311	1100	720	380	0	0
313	Fixed Bearing (EA)	EA	-	2	0	2	0	0
515	Steel Protective Coating (SF)	SF	313	410	310	100	0	0
330	Metal Bridge Rail (LF)	LF	-	2880	2776	104	0	0
515	Steel Protective Coating (SF)	SF	330	24570	20884	1229	2457	0
331	Reinforced Concrete Bridge Rail (LF)	LF	-	5040	3832	1111	97	0
8070	Reinforced Concrete Median (LF)	LF	-	1680	1003	657	20	0
8271	Steel Dolphin (EA)	EA	-	4	0	0	4	0
8274	Timber Fender (LF)	LF	-	706	646	50	10	0
8307	Neoprene or Fiberglass Joint Trough (LF)	LF	-	61	0	0	61	0



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

Span 17								
Cond.Rating 2023	Cond.Rating 2021	Element # Location	Condition Description Notes	Repair Recommendations	Photos	MDTA Repair	Repair ID	Status
		58.01 - Wearing Surface						
5	6	Deck	Northbound and Southbound roadways - There is up to 1/4" deep scaling throughout exposing concrete aggregate.					
5	6	Deck	Span 17 - There is approximately 1506 SF of patches throughout the Southbound Lanes and 841 SF of patches throughout the Northbound Lanes. All patches are sound except as noted below.					
5	6	Deck	Northbound Right Lane, 4'-0" South of PP3 - There is a patch with a 2'-0" long x 1'-0" wide delaminated area with an adjacent 1'-0" long x 2" wide x 1" deep spall. FY2023 Inspection: This defect was found. Repair status changed from CLOSE-CONSULTANT to OPEN.	Northbound Right Lane, 4'-0" South of PP3 - Remove unsound concrete and patch. FY2023 Inspection: This defect was found. Repair status changed from CLOSE-CONSULTANT to OPEN.		3	2019-BCZ472001 (S17-S19)-00004	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

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Condition Notes and Repair Recommendations for item 58 - 62

5	6	Deck	Northbound Right Shoulder, at PP6 - There is a 1'-6" long x 1'-6" wide area of delamination.	Northbound Right Shoulder, at PP6 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00072	OPEN
5	6	Deck	Northbound Right Shoulder, at PP8 - There is a 1'-6" long x 1'-6" wide area of delamination.	Northbound Right Shoulder, at PP8 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00073	OPEN
5	6	Deck	Northbound Right Shoulder, at PP10 - There is a 1'-6" long x 1'-6" wide area of delamination.	Northbound Right Shoulder, at PP10 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00074	OPEN
5	6	Deck	Northbound Left Lane, 10'-0" north of PP19 at the median - There is a 1'-6" long x 1'-0" wide area of delamination.	Northbound Left Lane, 10'-0" north of PP19 at the median - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00039	OPEN
5	6	Deck	Southbound Right Shoulder, at PP12 - There is a 1'-0" long wide area of delamination.	Southbound Right Shoulder, at PP12 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00075	OPEN
5	6	Deck	Southbound Right Lane, 5'-0' north of PP18 - There are two up to 6" diameter x 1" deep spalls at existing patches.	Southbound Right Lane, 5'-0' north of PP18 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00297	OPEN
5	6	Deck	Southbound Left Lane, 12'-0" north of PP2, at the left shoulder line there is a 1'-9" long x 2'-0" wide area of delamination.	Southbound Left Lane, 12'-0" north of PP2, at the left shoulder line - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00045	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

5	6	Deck	Southbound Left Lane, 10'-0" north of PP5, along the left wheel line - There is a 6" diameter x 1" deep spall.	Southbound Left Lane, 10'-0" north of PP5, along the left wheel line - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00298	OPEN
5	6	Deck	Southbound Left Lane, 11'-0" south of PP5, along the left wheel line - There is a 1'-9" long x 1'-9" wide area of delamination. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Southbound Left Lane, 11'-0" south of PP5, along the left wheel line - Remove unsound concrete and patch. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00044	CLOSE-CONSULTANT
5	6	Deck	Southbound Left Lane, 4'-0" north of PP21, along the left wheel line - There is a 1'-6" long x 1'-3" wide x up to 2" deep spall. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	Southbound Left Lane, 4'-0" north of PP21, along the left wheel line - Remove unsound concrete and patch. FY2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	1	2	2021-BCZ472001 (S17-S19)-00043	CLOSE-CONSULTANT
5	6	Deck	Southbound Left Lane, 11'-0" north of PP23, along the left shoulder line - There is a 1'-3" long x 2'-3" wide area of delamination. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Southbound Left Lane, 11'-0" north of PP23, along the left shoulder line - Remove unsound concrete and patch. FY2023 Inspection: This defect was not observed. Repair status changed to CLSOE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00046	CLOSE-CONSULTANT



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BIN: **BCZ472001(S17-S19)**

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IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

		58.03 - Fascias						
5	6	Deck	1/16" wide cracks are typical at the parapet joints, corrosion staining is typical at the edges of the drainage holes, and spalls may be present in both areas. Small spalls are also typical along the edges of stringer top flanges and exterior edges some with exposed steel reinforcement.					
5	6	Deck	West Fascia, between PP1 and PP2 - There is a 2'-10" long x 8" high x 6" wide edge spall with exposed corroded steel reinforcement.	West Fascia, between PP1 and PP2 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00003	OPEN
5	6	Deck	West Fascia, between PP3 and PP4, 7'-0" South of PP4 - There is a 9" long x 3" high x 3" wide edge spall with exposed corroded steel reinforcement.	West Fascia, between PP3 and PP4, 7'-0" South of PP4 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00006	OPEN
5	6	Deck	West Fascia, between PP4 and PP5 - There are two (2) up to 1'-6" long x 4" high x 6" wide edge spalls located at the drainage holes.	West Fascia, between PP4 and PP5 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00007	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

5	6	Deck	West Fascia, At PP5 - There is a 1'-0" long x 3" high x 2" wide edge spall with exposed corroded steel reinforcement at Floorbeam 5.	West Fascia, At PP5 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00008	OPEN
5	6	Deck	West Fascia, underside of overhang, over L6 - There is a 1'-0" diameter x 2 1/2" deep spall with exposed corroded steel reinforcement.	West Fascia over L6 - Remove unsound concrete and patch.	2	3	2019-BCZ472001 (S17-S19)-00427	OPEN
5	6	Deck	West Fascia, mid point between PP6 and PP7 - There is a 9" long x 1'-0" high x 2 1/2" deep edge spall.	West Fascia, mid point between PP6 and PP7 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00017	OPEN
5	6	Deck	West Fascia, between PP7 and PP8 - 5'-0" north of PP7 there is a 10" long x 4" high x 3" wide edge spall with exposed corroded steel reinforcement.	West Fascia, between PP7 and PP8 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00018	OPEN
5	6	Deck	West Fascia, Between PP10 and PP11, 8'-0" South of PP11 - There is a 10" long x 5" high x 1 1/2" deep spall with exposed corroded steel reinforcement.	West Fascia, 8'-0" South of PP11 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00024	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

5	6	Deck	West Fascia, Between PP11 and PP12, 3'-0" North of PP11 - There is a 1'-6" long x 6" high x 4" wide edge spall with exposed corroded steel reinforcement.	West Fascia, Between PP11 and PP12, 3'-0" North of PP11 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00029	OPEN
5	6	Deck	West Fascia, Between PP11 and PP12, 12'-0" North of PP11 - There is a 6" long x 6" high x 1" deep spall with exposed corroded steel reinforcement.	West Fascia, Between PP11 and PP12, 12'-0" North of PP11 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00030	OPEN
5	6	Deck	West Fascia, At PP12 - There is a 7" long x 8" high x 1" deep spall with exposed corroded steel reinforcement.	West Fascia, At PP12 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00031	OPEN
5	6	Deck	West Fascia, Midpoint Between PP13 and PP14 - There is a 1'-0" long x 6" high delamination.	West Fascia, Midpoint Between PP13 and PP14 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00037	OPEN
5	6	Deck	West Fascia, Mid Point Between PP14 and PP15 - There is a 2'-0" long x 6" high x 1" deep spall with exposed corroded steel reinforcement.	West Fascia, Mid Point Between PP14 and PP15 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00040	OPEN
5	6	Deck	West Fascia, at midpoint between PP20 and PP21 - There is a 1'-6" long x 3" high x 6" wide edge spall with exposed corroded steel reinforcement.	West Fascia, at midpoint between PP20 and PP21 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00304	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

5	6	Deck	West Fascia, at PP22 - There is a 2'-8" long x 4" high x 6" wide spall with exposed steel reinforcement.	West Fascia at PP22 - Remove unsound concrete and patch.	3	2	2019-BCZ472001 (S17-S19)-00433	OPEN
5	6	Deck	East Fascia, between PP1 and PP2 - There are two (2) up to 12" long x 3" wide x up to 2" high edge spalls in the bottom edge.	East Fascia, between PP1 and PP2 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00320	OPEN
5	6	Deck	East Fascia, between PP2 and PP3 - There are five (5) up to 1'-3" long x 3" wide x up to 2" high edge spalls in the bottom edge.	East Fascia, between PP2 and PP3 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00321	OPEN
5	6	Deck	East Fascia, between PP4 and PP5 - There is a 6'-0" long section of edge spalling with spalls up to 3'-6" long x 3" wide x 2" high.	East Fascia, between PP4 and PP5 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00322	OPEN
5	6	Deck	East Fascia, between PP5 and PP6 - There is a 10" long x 3" high x 3" deep edge spall.	East Fascia, between PP5 and PP6 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00005	OPEN
5	6	Deck	East Fascia, at PP6 - There is a 9" wide x 6" high x 1" deep spall with exposed and corroded steel reinforcement.	East Fascia, at PP6 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00011	OPEN
5	6	Deck	East Fascia, between PP6 and PP7 - There are three (3) up to 1'-3" long x 3" wide x 3" high edge spalls with exposed and corroded steel reinforcement.	East Fascia, between PP6 and PP7 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00016	OPEN



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5	6	Deck	East Fascia, just south of PP8 - There is a 4'-3" long x 1'-2" high x 2" deep spall with exposed reinforcement. FY 2023 Inspection: The repair status was CLOSE-MDTA, however, at the time of inspection, the defect still exists. Repair status changed to OPEN.	East Fascia, just south of PP8 - Remove unsound concrete and patch. FY 2023 Inspection: The repair status was CLOSE-MDTA, however, at the time of inspection, the defect still exists. Repair status changed to OPEN.	4	3	2017-BCZ472001 (S17-S19)-00022	OPEN
5	6	Deck	East Fascia, between PP8 and PP9 - 2'-0" north of PP8, there is a 5'-0" long x 1'-0" high x up to 3" deep spall with exposed and corroded reinforcement.	East Fascia, at PP9 - Remove unsound concrete and patch.	5	3	2021-BCZ472001 (S17-S19)-00002	OPEN
5	6	Deck	East Fascia, at PP9 - There is a 4'-3" long x 1'-0" high x up to 2" deep spall with exposed and corroded reinforcement. FY 2023 Inspection: This defect was not observed. The repair status has been changed to CLOSE-CONSULTANT.	East Fascia, between PP8 and PP9 - Remove unsound concrete and patch. FY 2023 Inspection: This defect was not observed. The repair status has been changed to CLOSE-CONSULTANT.		2	2021-BCZ472001 (S17-S19)-00006	CLOSE-CONSULTANT
5	6	Deck	East Fascia, at the mid-point between PP11 and PP12 - There is a 2'-1" long x 4" high x 6" deep edge spall with exposed and corroded reinforcement and adjacent delamination 2'-3" long x 4" high x 6" wide.	East Fascia, at the mid-point between PP11 and PP 12 - Remove unsound concrete and patch.	6	2	2021-BCZ472001 (S17-S19)-00003	OPEN



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5	6	Deck	East Fascia, Between PP12 and PP13, Underside of Overhang, 2'-0" South of PP13 - There is a 1'-0" long x 3" wide x 3" deep spall.	East Fascia, Between PP12 and PP13, Underside of Overhang, 2'-0" South of PP13 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00033	OPEN
5	6	Deck	East Fascia, Between PP13 and PP14 - There are three (3) up to 1'-0" long x 3" high x 4" wide edge spalls.	East Fascia, Between PP13 and PP14 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00038	OPEN
5	6	Deck	East Fascia, below drainage slot just south of PP15 - There is a 5'-4" long x 8" high x 4" deep corner spall with exposed and corroded reinforcement.	East Fascia, below drainage slot just south of PP15 - Remove unsound concrete and patch.	7	2	2019-BCZ472001 (S17-S19)-00248	OPEN
5	6	Deck	East Fascia, Mid Point Between PP14 and PP15 - There is a 1'-0" high x 10" long x 1 1/2" deep spall with exposed and corroded steel reinforcement.	East Fascia, Mid Point Between PP14 and PP15 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00041	OPEN
5	6	Deck	East Fascia, Between PP15 and PP16, 8'-0" south of PP16 - There is a 2'-2" long x 1'-3" wide x 2" deep edge spall located on the top edge of the fascia beneath the parapet within a drain hole, that extends on to the top surface of the deck.	East Fascia, Between PP15 and PP16, 8'-0" south of PP16 - Remove unsound concrete and patch.	8	3	2023-BCZ472001 (S17-S19)-00042	OPEN



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5	6	Deck	East Fascia between PP15 and PP16 - There are five (5) corner spalls up to 1'-2" long x 4" wide x 3" high, some with exposed and corroded steel reinforcement.	East Fascia between PP15 and PP16 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00247	OPEN
5	6	Deck	East Fascia Underside, between PP16 and PP17 - There is a 1'-0" diameter x up to 1" deep spall.	East Fascia Underside, between PP16 and PP17 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00305	OPEN
5	6	Deck	East Fascia, 10'-0" south of PP17 - There is a 1'-6" long x 3" high x 6" wide spall.	East Fascia, 10'-0" south of PP17 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00306	OPEN
5	6	Deck	East Fascia Underside, between PP17 and PP18 in overhang at south end - There are up to 1'-8" long x 4" high x 5" wide spalls.	East Fascia Underside, between PP17 and PP18 in overhang at south end - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00307	OPEN
5	6	Deck	East Fascia, drain hole south of PP18 - There is a 2'-0" long x 10" high x 1 1/2" deep spall with exposed corroded steel reinforcement.	East Fascia, at PP17 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00004	OPEN
5	6	Deck	East Fascia, at midpoint between PP20 and PP21 - There is a 1'-0" long x 4" high x 4" wide edge spall.	East Fascia at midpoint between PP20 and PP21 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00308	OPEN
5	6	Deck	East Fascia Underside of Overhang, north of L22 - There is a 1'-0" long x 4" wide x 1" deep spall.	East Fascia Underside of Overhang, north of L22 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00309	OPEN



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		58.04 - Railings & Parapets						
5	5	Deck	Typical - The edges of the scupper drains at base of barriers typically have spalls and/or delaminations up to 4" high x 6" wide x 1/2" deep.					
5	5	Deck	Typical, Top Face - There are isolated locations of 3" wide x 3" high corner delaminations.	Typical, Top Face - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00047	OPEN
5	5	Deck	West Parapet, between PP5 and PP6 - There is a full-height x up to 1'-8" wide x 4" deep spall with exposed corroded steel reinforcement located 14'-0" north of PP5.	West Parapet, West Face, between PP5 and PP6 - Remove unsound concrete and patch.	9	2	2017-BCZ472001 (S17-S19)-00004	OPEN
5	5	Deck	West Parapet, Top of the East Face, 12'-0" north of PP9 - There is a 2'-6" long x 3" wide x 3" high corner delamination.	West Parapet, top of the East Face, 12'-0" north of PP9 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00024	OPEN
5	5	Deck	West Parapet, East Face, at PP10 - There is a 6" long x 6" high x 7" wide corner spall.	West Parapet, East Face, at PP10 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00076	OPEN
5	5	Deck	West Parapet, West Face, at PP10 - There is a 1'-0" long x 1'-0" high x 1 1/2" deep spall with exposed corroded steel reinforcement.	West Parapet, West Face, at PP10 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00023	OPEN



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5	5	Deck	West Parapet, Top Face along East Edge, 5'-0" south of PP12 - There is a 1'-7" long x 4" wide x 2" deep spall.	West Parapet, Top Face, 5'-0" south of PP12 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00032	OPEN
5	5	Deck	West Parapet, Top of East Face, at PP14 - There is a 10" long x 10" high x 4" wide corner spall.	West Parapet, Top of East Face, at PP14 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00324	OPEN
5	5	Deck	West Parapet, Base of the East Face, between PP15 and PP16 - There is a 1'-9" long x 8" wide x up to 2" deep spall with exposed corroded steel reinforcement.	West Parapet, Base of the East Face, between PP15 and PP16 - Remove unsound concrete and patch. FY 2021 Inspection: This defect has been downgraded to a Priority 2 due to exposed reinforcement.	10	2	2019-BCZ472001 (S17-S19)-00033	OPEN
5	5	Deck	West Parapet, Top of East Face, 14'-0" north of PP17 - There is a 1'-0" long x 8" wide x 4" high corner spall.	West Parapet, Top of East Face, 14'-0" north of PP17 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00325	OPEN
5	5	Deck	West Parapet, Top of the East Face, 15'-0" north of PP19 - There is a 5" long x 6" wide x 9" high corner spall with exposed corroded steel reinforcement.	West Parapet, Top of the East Face, 15'-0" north of PP19 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00022	OPEN
5	5	Deck	West Parapet, Top of East Face, at PP20 - There is a 3'-0" long x 1'-6" high delamination which continues onto the top face for 5" wide.	West Parapet, Top of East Face, at PP20 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00326	OPEN



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5	5	Deck	West Parapet, Top of West Face, between PP22 and PP25 - There are ten (10) 1'-0" long x 4" high x 1" deep spalls/delaminations.	West Parapet, Top of West Face, between PP22 and PP25 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00327	OPEN
5	5	Deck	East Parapet, West Face, 12'-0" south of PP3 - There is a 9" wide x 6" high spall with a 1'-3" wide x 1'-3" high delamination, 3'-0" long x up to 1/16" wide diagonal cracks, a 4'-0" long x 1'-0" high patch with hairline map cracking, and a 9" long x 9" high x 2" deep spall.	East Parapet, West Face, 12'-0" south of PP3 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00324	OPEN
5	5	Deck	East Parapet, West Face, between PP5 and PP6 - There is a full-height x up to 10" wide x 4" deep spall with exposed corroded steel reinforcement.	East Parapet, West Face, between PP5 and PP6 - Remove unsound concrete and patch.	11	2	2023-BCZ472001 (S17-S19)-00328	OPEN
5	5	Deck	East Parapet, West Face, 5'-0" south of PP10 - There is a 2'-6" wide x 1'-0" high x 3 1/2" deep spall with exposed steel reinforcement and an associated 1'-9" wide x 1'-0" high delamination.	East Parapet, West Face, 5'-0" south of PP10 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00007	OPEN
5	5	Deck	East Parapet, Base of West Face, 10'-0" north of PP10 - There is a 2'-0" wide x 1'-0" high delamination.	East Parapet, West Face, 10'-0" north of PP10 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00077	OPEN



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5	5	Deck	East Parapet, Base of West Face, 12'-0" south of PP15 - There are two (2) spalls, 9" wide x 1'-2" high x 1" deep and 1'-2" wide x 10" high x 1" deep at previously patched area.	East Parapet, West Face, 12'-0" south of PP15 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00078	OPEN
5	5	Deck	East Parapet, Base of West Face, at PP16 - There is a 9" wide x 1'-0" high x 2" deep spall adjacent to patch.	East Parapet, West Face, at PP16 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00318	OPEN
5	5	Deck	East Parapet, Base of West Face, 9'-0" north of PP16 - There is a 2'-6" wide x 9" high delamination adjacent to patch.	East Parapet, West Face, 9'-0" north of PP16 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00079	OPEN
5	5	Deck	East Parapet, Top of West Face, 15'-0" south of PP17 - There are two (2) 8" diameter x 1" deep spalls with exposed corroded steel reinforcement in patch.	East Parapet, Top of West Face, 15'-0" south of PP17 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00329	OPEN
5	5	Deck	East Parapet, Base of West Face, between PP17 and PP18 - There are four (4) up to 1'-9" wide x 5" high x 1 1/2" deeps spalls with exposed corroded steel reinforcement with an associated 1'-0" long x 6" high delamination.	East Parapet, West Face, between PP17 and PP18 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00080	OPEN



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5	5	Deck	East Parapet, West Face, 15'-0" north of PP19 - There is a 5'-0" long x 3" high x 1/2" deep scrape with a 1'-0" high x 4" wide x 3" deep spall.	East Parapet, West Face, 15'-0" north of PP19 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00330	OPEN
		58.05 - Scuppers						
7	7	Deck	No defects noted.					
		58.06 - Median						
5	5	Deck	East Face, Typical - There are minor scrapes with patches and random vertical and horizontal hairline cracks with corrosion throughout approximately 40% of the length. Several of these patches have up to 1" diameter x up to 1" deep spalls with exposed corroded steel reinforcement.	East Face, Typical - Remove unsound concrete and patch.		3	2010-BCZ472001-00059	OPEN
5	5	Deck	East Face, 1'-0" from the top, Typical - There are 1'-0" diameter delaminations throughout approximately 5% of the length.	East Face, 1'-0" from the top, Typical - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00088	OPEN
5	5	Deck	West Face, 15'-0" north of PP19 - There is a 9" wide x 1'-0" high x 2" deep spall with exposed corroded steel reinforcement.	West Face, 15'-0" north of PP19 - Remove unsound concrete and patch.	12	2	2021-BCZ472001 (S17-S19)-00008	OPEN



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5	5	Deck	East Face, 4'-0" south of PP3 - There is a 2'-6" wide x 1'-4" high delamination.	East Face, 4'-0" south of PP3 - Remove unsound concrete and patch.	3	2019-BCZ472001 (S17-S19)-00035	OPEN
5	5	Deck	East Face, 1'-0" north of PP3 - There is a 4'-0" wide x 1'-4" high delamination.	East Face, 1'-0" north of PP3 - Remove unsound concrete and patch.	3	2019-BCZ472001 (S17-S19)-00036	OPEN
5	5	Deck	East Face, at PP4 - There is a 4'-0" wide x full-height failing patch with hairline vertical cracks and two (2) exposed corroded steel reinforcement bars.				
5	5	Deck	East Face, 2'-6" north of PP4 - There is a 12'-0" wide x 1'-7" high failing patch with six (6) exposed corroded steel reinforcement bars.	East Face, 2'-6" north of PP4 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00325	OPEN
5	5	Deck	East Face, 2'-3" north of PP5 - There is a 1'-6" wide x 1'-6" high failing patch with one (1) exposed corroded steel reinforcement bar.	East Face, 2'-3" north of PP5 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00326	OPEN
5	5	Deck	East Face, 8'-0" north of PP11 - There is a 7" wide x 11" high x 1/2" deep spall with exposed corroded steel reinforcement.	East Face, 8'-0" north of PP11 - Remove unsound concrete and patch.	3	2017-BCZ472001 (S17-S19)-00007	OPEN
5	5	Deck	East Face, 8'-0" south of PP12 - There is a 6" diameter x 1/2" deep spall with exposed steel reinforcement.	East Face, 8'-0" south of PP12 - Remove unsound concrete and patch.	3	2019-BCZ472001 (S17-S19)-00037	OPEN



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5	5	Deck	East Face, 5'-0" north of PP13 - There is a 1'-6" wide x 1'-0" high x 1 1/2" deep spall with exposed corroded steel reinforcement.	East Face, 5'-0" north of PP13 - Remove unsound concrete and patch.	13	2	2017-BCZ472001 (S17-S19)-00008	OPEN
5	5	Deck	East Face, between PP14 and PP15 - There are four (4) up to 1'-0" wide x 8" high x 3/4" deep spalls with exposed corroded steel reinforcement.	East Face, between PP14 and PP15 - Remove unsound concrete and patch.		3	2017-BCZ472001 (S17-S19)-00009	OPEN
5	5	Deck	East Face, between PP14 and PP16 - There are two (2) up to 8'-0" long x 1'-6" high area of minor gouges/scrapes.					
5	5	Deck	East Face, at the base, 4'-0" south of PP17 - There is a 2'-6" wide x 1'-2" high x 1" deep spall with exposed corroded steel reinforcement and an adjacent 1'-6" wide x 1'-0" high delamination. FY 2023 Inspection: The repair status was CLOSE-MDTA; however, at the time of inspection, the defect still exists. Repair status changed to OPEN.	East Face, at the base, 4'-0" south of PP17 - Remove unsound concrete and patch. FY 2023 Inspection: The repair status was CLOSE-MDTA; however, at the time of inspection, the defect still exists. Repair status changed to OPEN.	14	2	2013-BCZ472001 (S17-S19)-00176	OPEN



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5	5	Deck	East Face, at the base, at PP18 - There is a 1'-6" long x 7" high x 1 1/2" deep spall with exposed corroded steel reinforcement.	East Face, at PP18 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00041	OPEN
5	5	Deck	East Face, near the top, 3'-0" north of PP19 - There is a 7" diameter x 1/2" deep spall with exposed corroded reinforcement.	East Face, near the top, 2'-0" north of PP19 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00038	OPEN
5	5	Deck	East Face, at the base, 2'-9" north of PP20 - There is a 1'-9" wide x 9" high x 1 1/2" deep spall with exposed corroded reinforcement.	East Face, 2'-9" north of PP20 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00071	OPEN
5	5	Deck	East Face, at the base, 3'-0" north of PP21 - There is a 2'-0" wide x 1'-0" high x 1 1/2" deep spall with exposed corroded reinforcement. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	East Face, at the base, 3'-0" north of PP21 - Remove unsound concrete and patch. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		2	2019-BCZ472001 (S17-S19)-00042	CLOSE-CONSULTANT
5	5	Deck	East Face, 4'-0" north of PP22 - There is a 9" diameter x 1/2" deep spall with exposed corroded steel reinforcement.	East Face, 4'-0" north of PP22 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00069	OPEN



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		58.07 - Deck Underside						
7	7	Deck	PP3-PP4, Bay 1 - There is a 3'-0" long x full width section of SIP form that is bulging, with several perforations. This appears to be the result of a topside deck repair.					
7	7	Deck	PP4-PP5, Bay 7 - There is corrosion and section loss with a 6" diameter corrosion hole in the SIP form.					
7	7	Deck	PP18-PP19, Bay 2 - There is a 5'-0" long x full-width section of SIP form that is bulging and perforated with efflorescence staining. This appears to be the result of a topside repair.					
		58.08 - Lighting Standards						
7	7	Deck	The Lighting Standards above the bridge parapets were not inspected as they are part of their own inspection. The following defects have been pulled forward from the 2019 Biennial Inspection report so that the defects can be closed.	PP14, west side - Replace the broken spotlight glass. PP4, west side - Replace the broken spotlight glass. PP25, west side - Replace the broken spotlight glass. PP8, west side - Reposition the light pole in contact with/leaning on the M8 gusset plate.		3, 3, 3, 3	2017-BCZ472001 (S17-S19)-00010, 2017-BCZ472001 (S17-S19)-00011, 2017-BCZ472001 (S17-S19)-00012, 2019-BCZ472001 (S17-S19)-00408	CLOSE-CONSULTANT



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		59.PP 01- PP 02						
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Span 17, Pier 16 Bearings - The bearings exhibit light surface corrosion in some scattered areas.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	PP2, At Top Strut of Sway Bracing - The South Handrail is bent over the centerline of the roadway.					
7	7	Superstructure/Stairways	No defects noted.					
6	6	Superstructure/Floorbeams	Typical throughout Span 17 - Floorbeams typically exhibit up to 4" diameter areas of minor corrosion with associated paint failure and corrosion staining on approximately 2% of the total surface area. Corrosion is concentrated in the end 10' on either side of the beam, on the upper and lower flanges, lower 3' of the web, and lower vertical and horizontal web stiffeners.					
6	6	Superstructure/Floorbeams	Floorbeam 1, connection to the West Truss, connection angle - There is 3" long x 3" wide area of moderate corrosion at the top.	Floorbeam 1, connection to the West Truss, connection angle - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00441	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 2, east and west ends, at the end of the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 2, connection to the West Truss - There is moderate surface corrosion.	Floorbeam 2, connection to the West Truss - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00146	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 2, Bays 6 - 8, bottom flange, top face, south side - There are random areas of paint failure with moderate corrosion with delamination up to 1'-0" long x 3" wide.	Floorbeam 2, Bays 6 - 8, bottom flange, top face, south side - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00002	OPEN
7	7	Superstructure/Truss	Typical Throughout Span 17 - Truss members typically exhibit up to 4" diameter areas of minor corrosion with associated corrosion staining on approximately 2% of the total surface area. Corrosion is concentrated at gusset plates at the upper and lower connections, and within 10' of the roadway.					
7	7	Superstructure/Truss	East and West Truss connections: There is typical minor corrosion forming on the bolts.					



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7	7	Superstructure/Truss	East and West Truss, built up Vertical Members with access holes, Interior - There is paint failure, flaking and minor active corrosion below the deck elevation. Above the deck elevation, there is surface corrosion with minimal paint adhesion throughout the interior face housing the access hole.					
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L2, Inboard and Outboard Gusset Plates - The Outboard Gusset Plate exhibits 1/4" pack rust at the bottom and the Inboard Gusset Plate exhibits 1/2" pack rust.	West Truss, Bottom Chord, at L2, Inboard and Outboard Gusset Plates - Clean, paint and caulk the area of pack rust.		3	2015-BCZ472001 (S17-S19)-00003	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, at L1, Outboard Gusset Plate - The Outboard Gusset Plate exhibits minor corrosion. L1-M2 has up to 2'-0" long x 6" wide areas of surface corrosion located in the bottom half.	East Truss, Bottom Chord, at L1, Outboard Gusset Plate - Clean and paint.		3	2010-BCZ472001-00208	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, at L1 - The bird grate is missing.	East Truss, Bottom Chord, at L1 - Replace the bird grate.		3	2019-BCZ472001 (S17-S19)-00453	OPEN



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7	7	Superstructure/Truss	East Truss, Bottom Chord, at L2, Inboard and Outboard Gusset Plate - There is an up to full-length area of up to 1/2" thick pack rust along the bottom edge of the Inboard and Outboard Gusset Plates. There is rust forming along the top edge of the inboard and outboard gusset plates.	East Truss, Bottom Chord, at L2, Inboard and Outboard Gusset Plate - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00089	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, Bottom Face, 7'-0" south of L2 and 12'-0" south of L2 - There are areas of painted over pitting that measure 2'-0" long x 9" wide x 1/4" deep and 1'-2" long x 8" wide x 3/16" deep respectively.					
7	7	Superstructure/Truss	East Truss, M2-L2, West Face, above the floorbeam - There is a full-width x 1'-6" high area of failing paint and active surface corrosion.	East Truss, M2-L2, West Face, above the floorbeam - Clean and paint.		3	2017-BCZ472001 (S17-S19)-00026	OPEN
7	7	Superstructure/Truss	East Truss, M2-L2, 2'-0" below M2, east and west flanges, west face - There are 3'-0" high x full-width areas of peeling paint and minor corrosion.	East Truss, M2-L2, 2'-0" below M2, east and west flanges, west face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00012	OPEN



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7	7	Superstructure/Lateral bracing	Upper Lateral Brace, at M2 - There is ponding water on web and bottom flange due to drain holes that are not correctly placed in the web. FY 2023 Inspection: Holes have been drilled in the bottom of the web and this defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Upper Lateral Brace, at M2 - Drill new drainage holes to eliminate ponding water. FY 2023 Inspection: Holes have been drilled in the bottom of the web and this defect was not observed. Repair status changed to CLOSE-CONSULTANT.	15	3	2017-BCZ472001 (S17-S19)-00027	CLOSE-CONSULTANT
7	7	Superstructure/Lateral bracing	Typical throughout Span 17 - The lower lateral bracing members typically exhibit up to 4" diameter areas of minor corrosion with associated corrosion staining on approximately 2% of the total surface area. Corrosion is concentrated at the connections to the truss.					
		59.PP 02- PP 03						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Stringer 4, 6, and 7 Bearings, at Floorbeam 03 - The sole plate is bent 1/4" upwards due to pack rust at the center on the north face.	Stringer 4, 6, and 7 Bearings, at Floorbeam 03 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00345	OPEN



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7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 3, east and west ends, at the longitudinal stiffener plate - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 3, connection to the West Truss - There is moderate surface corrosion.	Floorbeam 3, connection to the West Truss - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00148	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 3, connection to the East Truss - There is moderate corrosion and delamination on the connection angle at the bottom flange.	Floorbeam 3, connection to the East Truss - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00004	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L3, Inboard and Outboard Gusset Plates - The gusset plates have 1/4" pack rust throughout.	West Truss, Bottom Chord, at L3, Inboard and Outboard Gusset Plates - Clean, paint and caulk the area of pack rust.		3	2023-BCZ472001 (S17-S19)-00005	OPEN



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7	7	Superstructure/Truss	West Truss, Bottom Chord, at L3, Inboard Gusset Plate, East Face on North Side - There are two (2) areas of painted over pitting. The top area measures 5" long x 3" high x 1/4" deep, and the bottom area measures 9" long x 2" high x 1/4" deep.					
7	7	Superstructure/Truss	East Truss, Bottom Chord, at L3, Inboard and Outboard Gusset Plates - The gusset plates have up to 1/4" pack rust throughout.	East Truss, Bottom Chord, at L3, Inboard and Outboard Gusset Plate - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00001	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Center Connection, at Floorbeam 2 - There is up to 3/4" pack rust between the connection plate and the lateral brace at the top and bottom plates. The area was previously caulked, but the caulk has failed.	Lower Lateral Brace, Center Connection, at Floorbeam 2 - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00443	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L2, Bottom Connection Plate - There is severe corrosion to ten (10) connection bolts, due to debris accumulation and ponding water.	Lower Lateral Brace, connection to the West Truss, at L2, Bottom Connection Plate - Replace the severely corroded bolts. Clean and paint.		3	2015-BCZ472001 (S17-S19)-00005	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss at L2, Top and Bottom Connection Plates - There is up to 1/2" pack rust. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the East Truss at L2, Top and Bottom Connection Plates - Clean, paint and caulk the area of pack rust. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00454	CLOSE-CONSULTANT
		59.PP 03 - PP 04						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 4, east and west ends, at the longitudinal stiffener plate - There is one (1) 1/4" diameter crack arresting hole drilled. No cracks were visible. There is moderate corrosion with up to 1/16" section loss surrounding the hole.	Floorbeam 4, east and west ends, at the longitudinal stiffener plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00409	OPEN



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7	7	Superstructure/Floorbeams	Floorbeam 4, South Face, under Stringer 9 - The bottom vertical stiffener is bent to the west 1/4" over a 1'-0" high length.					
6	6	Superstructure/Truss	West Truss, Bottom Chord, at L4, Inboard and Outboard Gusset Plates - The bottom edges of the gusset plates are deformed up to 3/8" over its full-length due to pack rust.	West Truss, Bottom Chord, at L4, Inboard and Outboard Gusset Plates - Clean, paint and caulk the area of pack rust.		3	2013-BCZ472001 (S17-S19)-00173	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, at L4, Inboard Gusset Plate, below the Vertical Floorbeam Connection Angle - There is moderate corrosion with a 4" wide x 5" high area of up to 3/16" deep section loss.	West Truss, Bottom Chord, at L4, Inboard Gusset Plate, below the Floorbeam Connection Angle - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00428	OPEN
6	6	Superstructure/Truss	East Truss, L4-M4, Southeast Flange, West Face - There is a full-width x 4'-0" high area of moderate corrosion.	East Truss, L4-M4, Southeast Flange, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00002	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L4, Inboard and Outboard Gusset Plates - The top and bottom of the gusset plates are deformed up to 1/2" over its full-length due to pack rust.	East Truss, Bottom Chord, at L4 Inboard and Outboard Gusset Plates - Clean, paint and caulk the area of pack rust.		3	2010-BCZ472001-00118	OPEN



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6	6	Superstructure/Truss	East Truss, at U3, Inboard and Outboard Gusset Plates - All connection bolts have been cleaned with a wire wheel but have not been repainted. Corrosion is activating in areas of bare metal.	East Truss, at U3, Inboard and Outboard Gusset Plates - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00048	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L3, north edge of top plate, bottom face - There is a 5" long x 1" wide area of 1/4" painted over pitting.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L3, top and bottom connection plates - There is up to 1/2" pack rust at both connection plates.	Lower Lateral Brace, connection to the East Truss, at L3, top and bottom connection plates - Clean, paint and caulk the area of pack rust.		3	2023-BCZ472001 (S17-S19)-00004	OPEN
		59.PP 04 - PP 05						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					



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6	5	Superstructure/Joints	PP5 Joint Seal - The northbound joint is open 1 3/4" at 48°F with debris accumulation. The southbound joint is open 1 3/4" at 48°F, is depressed up to 1", has minor debris accumulation, and 6" long adhesion failure.					
6	5	Superstructure/Joints	PP5 Joint, in Southbound Lanes - The north side of the joint is 1/2" lower than the south side. FY 2023 Inspection: This defect was not observed.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringers - The stringers typically have isolated areas of light corrosion.	Stringers, PP04 to PP05 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00234	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 5, east and west ends, at the longitudinal stiffener plate - There are two (2) 1/4" diameter crack arresting drilled holes. No cracks were visible.					



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6	6	Superstructure/Floorbeams	Floorbeam 5, east end, connection plate to the Bottom Flange, Bottom Face - There is failing paint, active moderate corrosion and delamination on the north edge for a length of 1'-6".	Floorbeam 5, east end, connection plate to the Bottom Flange, Bottom Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00236	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 5, connection to the West Truss, North Face - There is heavy corrosion with a 1'-8" long x 3" wide area of up to 5/16" of section loss on the leg of the T connection on the north edge.	Floorbeam 5, connection to the West Truss, North Face - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00006	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, near L5, Top and Bottom Splice Plates - The east and west edges are deformed up to 1 1/2" due to pack rust. FY 2023 Inspection: The repair status was CLOSE-MDTA however, at the time of inspection, the defect still exists. Repair status changed to OPEN.	West Truss, Bottom Chord, near L5, Top and Bottom Splice Plates - Clean, paint and caulk the areas of pack rust. West Truss, Bottom Chord, near L5, Top and Bottom Splice Plates - The east and west edges are deformed up to 1 1/2" due to pack rust. FY 2023 Inspection: The repair status was CLOSE-MDTA however, at the time of inspection, the defect still exists. Repair status changed to OPEN.	16	3	2015-BCZ472001 (S17-S19)-00002	OPEN



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6	6	Superstructure/Truss	West Truss, L5-U5, East Face, above the roadway - There is a 4 square inch area of failing paint with active surface corrosion on the east face under the first sway brace connection above the deck. FY 2023 Inspection: This defect was not observed. The area has been spot painted.					
6	6	Superstructure/Truss	West Truss, Bottom Chord, near L5, East and West Interior Splice Plates - The bottom edges are deformed up to 1/2" due to pack rust.	West Truss, Bottom Chord, near L5, East and West Interior Splice Plates - Clean, paint and caulk the areas of pack rust.		3	2019-BCZ472001 (S17-S19)-00410	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L5 - There is minor corrosion between the floorbeam and connection angle to the lower chord.	East Truss, Bottom Chord, at L5 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00327	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, Interior Splice Plates - There are areas of failing paint, heavy corrosion, pack rust and thinning on the edges.	East Truss, Bottom Chord, Interior Splice Plates - Clean, paint and caulk the areas of pack rust.		3	2013-BCZ472001 (S17-S19)-00029	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L5 - There is minor corrosion between the floorbeam and connection angle to the lower chord.					



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6	6	Superstructure/Truss	East Truss, Bottom Chord, at L5 - There is minor corrosion between the floorbeam and connection angle to the lower chord.					
6	6	Superstructure/Truss	East Truss, Bottom Chord, Interior Splice Plates - There are areas of failing paint, heavy corrosion, pack rust and thinning on the edges.	East Truss, Bottom Chord, Interior Splice Plates - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00346	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, bottom face, 5'-0" south of L5 - There is moderate corrosion with delamination extending 3" wide around the perimeter of the access hole.	East Truss, Bottom Chord, bottom face, 5'-0" south of L5 - Clean and paint the corroded area surrounding the access hole.		3	2023-BCZ472001 (S17-S19)-00009	OPEN
7	7	Superstructure/Sway Bracing	U5E-U5W - At U5E, there are two (2) tack welds at the bottom gusset plate to the horizontal connection on the north and south sides. At U5W, there is a tack weld at the bottom gusset plate to the horizontal connection on the south side. Tack welds at these locations are typical.					



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L4, Top Connection Plate - There is moderate corrosion and the connection plate is deformed up to 1/2" along the north edge and the southeast corner due to pack rust. There is a similar condition at the bottom connection plate.	Lower Lateral Brace, connection to the West Truss, at L4, Top Connection Plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00235	OPEN
7	7	Superstructure/Lateral bracing	Lower Later Brace, connection to the East Truss, at L4, Top Connection Plate, Bottom Face - There is failing paint with active surface corrosion, a full-length x 2" wide area of 1/16" deep pitting, and an area of deformation on the north side of the diagonal due to 5/16" pack rust.	Lower Later Brace, connection to the East Truss, at L4, Top Connection Plate, Bottom Face - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00232	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L4, Bottom Connection Plate, Top Face - There is failing paint with active surface corrosion and a 6" long area of 5/16" pack rust on the north side of the diagonal.	Lower Lateral Brace, connection to the East Truss, at L4, Bottom Connection Plate, Top Face - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00233	OPEN



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		59.PP 05 - PP 06						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringers - The stringers have isolated areas of light corrosion.	Stringers, PP05 to PP06 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00237	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 6, east end - There are two (2) 1/4" diameter crack arresting holes drilled at the east end of the longitudinal stiffener plate. No cracks were visible. The drilled arresting holes were not observed at the west end of the longitudinal stiffener.					



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7	7	Superstructure/Floorbeams	Floorbeam 6, east end, near connection to the East Truss - The top face of the bottom flange and the four (4) vertical stiffeners at the east end have 9" long x full width areas of moderate corrosion and delamination.	Floorbeam 6, east end, near connection to the East Truss - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00383	OPEN
7	7	Superstructure/Truss	East Truss, L6-M6, east flange, south side, west face - Below deck level there are multiple up to 6" diameter areas of minor corrosion.	East Truss, L6-M6, east flange, south side, west face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00013	OPEN
7	7	Superstructure/Truss	East Truss, L6-M6, west flange, west face - Above L6 there is a 1'-6" high x up to full-width area of minor corrosion.	East Truss, L6-M6, west flange, west face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00014	OPEN
7	7	Superstructure/Lateral bracing	No defects noted.					
		59.PP 06 - PP 07						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/St ringers	No defects noted.					
7	7	Superstructure/FI oorbeams	Floorbeam 7, east end - There are two (2) 1/4" diameter crack arresting holes drilled at the end of the longitudinal stiffener plate. No cracks were visible.					
7	7	Superstructure/FI oorbeams	Floorbeam 7, Bottom Flange, North Face, adjacent to Stiffener 1 - There is moderate corrosion and a 2'-0" long x 6" wide area of minor section loss .	Floorbeam 7, Bottom Flange, North Face, adjacent to Stiffener 1 - Clean and paint.		3	2019- BCZ472001 (S17-S19)- 00238	OPEN
7	7	Superstructure/FI oorbeams	Floorbeam 7, connection to the East Truss, Top Connection Plate - There is minor corrosion on the connection plate.					
7	7	Superstructure/Tr uss	West Truss, Bottom Chord, bottom face, just north of L6 - Inside the south vertical edge of the access hole there is a 10 1/16" long horizontal laminar fold crack.		17			
7	7	Superstructure/Tr uss	West Truss, at L7, Inboard Gusset Plate, above the Floorbeam 7 Bottom Flange - The gusset plate has severe corrosion with an 8" long x 3" high area of up to 1/4" section loss.	West Truss, U7-L7, East Gusset Plate, above the Floorbeam 7 Bottom Flange - Clean and paint.		3	2019- BCZ472001 (S17-S19)- 00426	OPEN



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7	7	Superstructure/Truss	East Truss, Bottom Chord, at L7, above the Floorbeam 7 Bottom Flange, West Face - There is a 9" long x 3" high area of moderate corrosion.	East Truss, Bottom Chord, at L7, below the Floorbeam 7 Bottom Flange, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00239	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, at L7 - There is debris accumulating between the gusset plates.					
7	7	Superstructure/Truss	East Truss, M6-L7, at L7, West Gusset Plate, East Face - There is minor corrosion on the gusset plate.	East Truss, M6-L7, at L7, West Gusset Plate, East Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00455	OPEN
7	7	Superstructure/Sway Bracing	No defects noted.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L6 - There is 1/4" pack rust between the top and bottom connection plates and the lateral bracing flanges causing the connection plates to pry outward 1/4". There is also moderate corrosion and minor section loss to the edge of the bottom connection plate and bottom flange of the diagonal.	Lower Lateral Brace, connection to the West Truss, at L6 - Clean, paint and caulk the area of pack rust.		3	2010-BCZ472001-00211	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to East Truss, bottom connection plate - There is 1/4" pack rust between the connection plate and bottom flange.	Lower Lateral Brace, connection to East Truss, bottom connection plate - Clean, paint and caulk the area of pack rust.		3	2023-BCZ472001 (S17-S19)-00015	OPEN
		59.PP 07 - PP 08						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	6	Superstructure/Bearings	Stringer bearings - The Floorbeam 7 bearing exhibits up to 1/4" pack rust under the masonry plate, bending the plate upward.	Floorbeam 7 Stringer bearing - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00240	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 8, at the east and west ends - There are two (2) 1/4" diameter crack arresting holes drilled at the end of the longitudinal stiffener plate. No cracks were visible.					



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7	7	Superstructure/Floorbeams	Floorbeam 8, connection to the East Truss - There is moderate corrosion and section loss in the top 1'-0" of the south vertical connection angle.	Floorbeam 8, connection to the East Truss - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00081	OPEN
7	7	Superstructure/Truss	No defects noted.					
7	7	Superstructure/Lateral bracing	Lower Lateral Bracing, connection to the West Truss, at L7 - There is active corrosion and pack rust up to 3/8" between the diagonal flanges and the connection plate. There is moderate corrosion and minor section loss to the connection plate and the bottom flange of the diagonal.	Lower Lateral Bracing, connection to the West Truss, at L7 - Clean, paint and caulk the area of pack rust.		3	2021-BCZ472001 (S17-S19)-00049	OPEN
		59.PP 08 - PP 09						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	5	Superstructure/Joints	PP9 Joint Seal - The northbound joint is open 1 1/2" at 48°F and is depressed 1" with debris accumulation. The southbound joint is open 1 1/2" at 48°F and is depressed 1" with minor debris accumulation.					



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7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 9, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 9, west end, T connection - Along the north edge, there is a 1'-6" long x 2" wide area of moderate corrosion with delamination.	Floorbeam 9, west end, T connection - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00007	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 9, Top and Bottom Flanges, near the Stringer 9 Bearing - There is moderate corrosion and delamination in the end 3'-0" at the east end.	Floorbeam 9, Top and Bottom Flanges, near the Stringer 9 Bearing - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00241	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 9, South Face, under Bay 8, Bottom Flange - There are two (2) up to 10" long x 6" wide areas of 3/8" deep painted over section loss (3/4" original thickness).					



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6	6	Superstructure/Floorbeams	Floorbeam 9, connection to the East Truss, at L9, Top Flange - There is 5/8" pack rust between the top flange and connection plate.	Floorbeam 9, connection to the East Truss, at L9, Top Flange - Clean, paint and caulk the area of pack rust.		3	2013-BCZ472001 (S17-S19)-00083	OPEN
6	6	Superstructure/Truss	Truss Gusset Plates and Lower Lateral Brace Connection Plate, at L9 - All plate seams have intermittent bands of light surface corrosion and delaminated rust throughout, especially on the inboard plates.	Truss Gusset Plates and Lower Lateral Brace Connection Plate, at L9 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00347	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, Field Splice near L9, Bottom Splice Plate - There is pack rust between the bottom flange and the splice plate causing it to deform up to 1/2" along its west edge and up to 1/2" along its east edge.	West Truss, Bottom Chord, Field Splice near L9, Bottom Splice Plate - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00411	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, Field Splice near L9, Interior West Plate - There is a 2'-6" long x 5" high area heavy corrosion with up to 1/8" deep section loss along the bottom edge.	West Truss, Bottom Chord, Field Splice near L9, Interior West Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00442	OPEN



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6	6	Superstructure/Truss	West Truss, at the bottom of the Floorbeam Connection Angle, at L9 - There is a 9" long x 3" high area of moderate corrosion with minor section loss.	West Truss, Bottom of the Floorbeam Connection Angle, at L9 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00413	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, Field Splice near L9, Interior Top Plate - The northwest corner bolt nut is missing and the bolt hole is surrounded by moderate corrosion.	West Truss, Bottom Chord, Field Splice near L9, Interior Top Plate - Clean and paint the area of corrosion surrounding the northwest bolt hole, and replace the bolt and nut.	18	3	2023-BCZ472001 (S17-S19)-00019	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, At Field Splice near L9 - There is a 2'-0" long x 2 1/2" wide x 3/16" deep area of painted over pitting on the west edge of the splice.					
6	6	Superstructure/Truss	East Truss, L9-U9, 15'-0" from U9 - There are three (3) 3" high x 1/2" wide gouges in the northeast corner.					



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6	6	Superstructure/Truss	East Truss, Bottom Chord, Field Splice near L9, Bottom Splice Plate - There is up to 5/8" pack rust between the bottom flange and the splice plate. There is also minor corrosion and up to 1/4" pack rust on the Top and East Splice Plates in this location.	East Truss, Bottom Chord, Field Splice near L9, Bottom Splice Plate - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00091	OPEN
7	7	Superstructure/Secondary Bracing	No defects noted.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Connection to West Truss at L8 - There is up to 1/4" pack rust at the inboard corners of the top and bottom connection plates.	Lower Lateral Brace, Connection to West Truss at L8 - Clean, paint, and caulk the areas of pack rust.		3	2023-BCZ472001 (S17-S19)-00020	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Center Connection to Floorbeam 9 - There is up to 1/2" pack rust between the top and bottom connection plates at both the east and west lower lateral connections.	Lower Lateral Brace, Center Connection to Floorbeam 9 - Clean, paint, and caulk the areas of pack rust.		3	2023-BCZ472001 (S17-S19)-00021	OPEN
		59.PP 09 - PP 10						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					



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7	7	Superstructure/Bearings	Stringer Bearings, at Floorbeam 9 - There is minor to moderate corrosion throughout. Corrosion is worst on Stringer 6, 7, and 8 Bearings, with moderate corrosion and delamination.	Stringer Bearings, at Floorbeam 9 - Clean and paint.	19	3	2019-BCZ472001 (S17-S19)-00396	OPEN
7	7	Superstructure/Bearings	Stringer 9 Bearing, at Floorbeam 9 - The bearing pad is improperly sized and overhangs the sole plate by 1" on the north edge, but is flush on the south edge. FY 2023 Inspection: This defect was observed. Repair status changed to OPEN.	Stringer 9 Bearing, at Floorbeam 9 - Reset the bearing pad. FY 2023 Inspection: This defect was observed. Repair status changed to OPEN.	20	3	2019-BCZ472001 (S17-S19)-00412	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 10, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					



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7	7	Superstructure/Truss	East Truss, Lower Chord at L10 - There is up to 5/8" pack rust on the bottom edge of the inboard and outboard gusset plates.	East Truss, Lower Chord at L10 - Clean, paint, and caulk the areas of pack rust.		3	2023-BCZ472001 (S17-S19)-00022	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Bracing, connection to the West Truss, at L9 - There is up to 1/2" pack rust between the top and bottom flanges and the connection plates.	Lower Lateral Bracing, connection to the West Truss, at L9 - Clean, caulk, and paint the area of pack rust.		3	2010-BCZ472001-00121	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to East Truss, at L9, top and bottom flanges of the diagonal member - There is 1/2" pack rust between the top and bottom flanges and the connection plates.	Lower Lateral Brace, connection to East Truss, at L9, top and bottom flanges of the diagonal member - Clean, paint, and caulk areas of pack rust.		3	2019-BCZ472001 (S17-S19)-00092	OPEN
		59.PP 10- PP 11						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/Stringers	Stringers exhibit isolated minor corrosion.	Stringers, PP10 to PP11 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00348	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 11, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
7	7	Superstructure/Floorbeams	Floorbeam 11, bottom of Bottom Flange - There are isolated up to 6" diameter areas of paint failure with corrosion throughout.	Floorbeam 11, bottom of Bottom Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00050	OPEN
7	7	Superstructure/Truss	West Truss, U11-L11 - There are random areas of failing paint with active section loss that throughout the member. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.	West Truss, U11-L11 - Clean and paint. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.	21	3	2019-BCZ472001 (S17-S19)-00094	CLOSE-CONSULTANT
7	7	Superstructure/Truss	East Truss, at L11, Inboard and Outboard Gusset Plates - There is moderate corrosion with minor pack rust at the edges of the gusset plates. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	East Truss, at L11, Inboard and Outboard Gusset Plates - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00093	CLOSE-CONSULTANT



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7	7	Superstructure/S way Bracing	No defects noted.					
7	7	Superstructure/La teral bracing	Lower Lateral Brace, Connection to West Truss at L10 - There is 1/4" pack rust between the top and bottom flanges and connection plates.	Lower Lateral Brace, Connection to West Truss at L10 - Clean, paint, and caulk areas of pack rust.		3	2023- BCZ472001 (S17-S19)- 00025	OPEN
7	7	Superstructure/La teral bracing	Lower Lateral Brace, Connection to East Truss at L10 - There is 3/8" pack rust between the top flange and connection plate.	Lower Lateral Brace, Connection to East Truss at L10 - Clean, paint, and caulk area of pack rust.		3	2023- BCZ472001 (S17-S19)- 00026	OPEN
		59.PP 11- PP 12						
7	7	Superstructure/S econdary Members	No defects noted.					
6	7	Superstructure/P aint	See condition notes for individual components.					
7	7	Superstructure/B earings	No defects noted.					
7	7	Superstructure/Ut ilities	No defects noted.					
7	7	Superstructure/C atwalks/Ladders/ Safety Railings	No defects noted.					
7	7	Superstructure/St rainers	No defects noted.					



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6	6	Superstructure/Floorbeams	Floorbeam 12, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.				
6	6	Superstructure/Floorbeams	Floorbeam 12, connection to the East Truss, Top Connection Plate - There is minor corrosion on the connection plate. FY 2023 Inspection: This defect was not observed.				
6	6	Superstructure/Floorbeams	Floorbeam 12, Bottom Flange, Top Face, South Side, in Bay 1 - There are two (2) areas (9" long x 4" wide and 1'-10" long x 4" wide) of painted over pitting that is typically 1/8" deep with isolated areas up to 1/4" deep.		22		
6	6	Superstructure/Floorbeams	Floorbeam 12, Bottom Flange, Top Face, North Side, in Bay 1 - There are three (3) areas (4" long x 3" wide, 8" long x 3" wide, 2'-8" long x 4" wide) of painted over pitting that is typically 1/8" deep with isolated areas up to 1/4" deep.		23		



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7	7	Superstructure/Truss	West Truss, Bottom Chord, at L12, Inboard Gusset Plate - There is a 1'-2" wide x 5" high area of moderate corrosion with minor delamination and bleeding rust at the bottom of the floorbeam connection.	West Truss, Bottom Chord, at L12, Inboard Gusset Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00415	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L12, Inboard Gusset Plate, South Gusset Stiffener - The stiffener is bent 1 1/2" at the bottom.					
7	7	Superstructure/Truss	East Truss, U11-M12, Top Handhole at U11 - There is minor debris accumulation at the diaphragm with corrosion bleeding from the hole.	East Truss, U11-M12, Top Handhole at U11 - Clean handhole of debris and paint.	24	3	2013-BCZ472001 (S17-S19)-00149	OPEN
7	7	Superstructure/Truss	East Truss, L11-U11, East Flange, West Face, South Side, below the first sway brace - There are two (2) areas (1'-6" high x 9" wide and 3'-4" high x 11" wide) of moderate corrosion with no section loss noted.	East Truss, L11-U11, East Flange, West Face, South Side, below the first sway brace - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00177	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, Bottom Face, 8'-0" North of L1 - There are two (2) areas up to 2'-0" long x 9" wide x 3/16" deep of painted over pitting.					



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7	7	Superstructure/Truss	East Truss, Bottom Chord, West Face - Near L12 there are two (2) 9" diameter areas of paint failure with active minor corrosion.	East Truss, Bottom Chord, West Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00027	OPEN
7	7	Superstructure/Truss	East Truss, at L12 - The inboard and outboard gusset plates have 1/4" pack rust along the bottom edge.	East Truss, at L12 - Clean, paint, and caulk the areas of pack rust.		3	2023-BCZ472001 (S17-S19)-00028	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, Connection to the West Truss, at L11, Top and Bottom Flanges - There is moderate corrosion with up to 1/2" pack rust between the flanges and the connection plate. The Top and Bottom Flanges have moderate corrosion with delamination in the end 3'-0".	Lower Lateral Brace, Connection to the West Truss, at L11, Top and Bottom Flanges - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00430	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L11, Top Flange - The connections plates exhibit corrosion around the flanges of the brace with up to 1/4" pack rust at the Top Flange.	Lower Lateral Brace, connection to the East Truss, at L11, Top Flange - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00243	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, Middle Connection, at Floorbeam 12, Top and Bottom Flanges - The connection plates exhibit corrosion around the flanges of the brace with up to 3/16" pack rust at the Top Flange. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, Middle Connection, at Floorbeam 12, Top and Bottom Flanges - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	25	3	2019-BCZ472001 (S17-S19)-00414	CLOSE-CONSULTANT
		59.PP 12- PP 13						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	5	Superstructure/Joints	PP13 Joint Seal - The northbound joint is open 1 15/16" at 48°F and is depressed 1 1/2". The southbound joint is open 2 1/4" at 48°F, has minor debris accumulation, and 6" long adhesion failure in the right lane right wheel path.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					



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7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 13, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 13, connection to the West Truss, Bottom Flange T-Connection, north edge - There is heavy corrosion and section loss with 1/2" remaining.	Floorbeam 13, connection to the West Truss, Bottom Flange T-Connection, north edge - Clean and paint.	26	3	2017-BCZ472001 (S17-S19)-00029	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 13, Connection to the East Truss, Bottom Flange - There is moderate corrosion and minor section loss.	Floorbeam 13, Connection to the East Truss, Bottom Flange - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00178	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 13, South face, below Stringer 1, Web along the Bottom Flange - There is a 3'-0" long x 3" area of 1/8" deep painted over pitting. The vertical stiffener at this location has a 4" high area of heavy corrosion and up to 1/4" section loss at the junction with the longitudinal stiffener.	Floorbeam 13, South face, below Stringer 1, Web along the Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00349	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 13, South Face, in Bay 1, Top Face of the Bottom Flange and longitudinal stiffener - There is a 3'-0" long x 5" wide x 1/8" deep area of painted over section loss and pitting on the bottom flange, and four (4) areas up to 4" diameter x 1/4" deep painted over section loss and pitting on the longitudinal stiffener.					
6	6	Superstructure/Floorbeams	Floorbeam 13, South Face, Below Stringer 9, Both Faces of Bottom Flange and Top Face of Top Flange - There is a 4" diameter area of moderate corrosion with delamination.					
6	6	Superstructure/Floorbeams	Floorbeam 13, South Face, Below Stringer 9, vertical stiffener - There is active moderate corrosion with up to 1/4" section loss at the bottom flange and 1/16" section loss at the intersection with the longitudinal stiffener.	Floorbeam 13, South Face, Below Stringer 9, vertical stiffener - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00051	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 13, North Face, in Bay 1, Top Face of the Bottom Flange - There is a 1'-4" long x 5" wide area of 1/4" deep painted over pitting.					



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6	6	Superstructure/Floorbeams	Floorbeam 13, North Face, Below Stringer 9, vertical stiffener - There is moderate corrosion with up to 1/8" section loss at the bottom flange.	Floorbeam 13, North Face, Below Stringer 9, vertical stiffener - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00052	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 13, in Bay 1, longitudinal stiffener - There are two (2) areas of 6" long x up to 4" wide x 1/16" deep painted over section loss on the longitudinal stiffener.					
6	6	Superstructure/Floorbeams	Floorbeam 13, Under Stringer 9, Bottom Flange, Bottom Face - There is a 7" diameter x 1/4" deep area of painted over pitting on the north edge of the flange.					
6	6	Superstructure/Floorbeams	Floorbeam 13, Under Stringer 9, Both Faces of Top Flange and Top Face of Bottom Flange - There are 4" diameter areas of moderate corrosion and delamination.	Floorbeam 13, Under Stringer 9, Both Faces of Top Flange and Top Face of Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00032	OPEN
6	6	Superstructure/Truss	West Truss, L13-U13, North and South Flanges, Interior Face - There is peeling paint up to 10 SF.	West Truss, L13-U13, North and South Flanges, Interior Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00123	OPEN



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6	6	Superstructure/Truss	West Truss, Bottom Chord, at L13, Inboard Vertical Gusset Plate, East Face - There are several patches of painted over section loss typically 1/16" deep with one (1) area 3" diameter x 3/16" deep.					
6	6	Superstructure/Truss	East Truss, Bottom Chord, L12-L13, Webs and Top Flange - There is failing paint and active surface corrosion on random areas up to 6" diameter for about 10% of the length.	East Truss, Bottom Chord, L12-L13, Webs and Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00095	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L13, Outboard Gusset Plate, East Face, bottom edge - There is a full-length x 3" high area of minor corrosion. FY 2023 Inspection: This defect was not observed. The repair status was changed to CLOSE-CONSULTANT.	East Truss, Bottom Chord, at L13, Outboard Gusset Plate, East Face, bottom edge - Clean and paint. FY 2023 Inspection: This defect was not observed. The repair status was changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00456	CLOSE-CONSULTANT
7	7	Superstructure/Sway Bracing	PP13, Second Strut from roadway - The strut is deformed downward out of plane approximately 3" over the middle 1/3rd at the centerline connection.					



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7	7	Superstructure/Lateral bracing	Upper Lateral Brace, U11W-U13E, Top Flange - There is paint failure and minor corrosion along the edge of the north and south sides of the flange along the gusset plate (approximate 2'-0" length). This is typical at this location.	Upper Lateral Brace, U11W-U13E, Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00398	OPEN
7	7	Superstructure/Lateral bracing	Upper Lateral Brace, U11W-U13E, at U13E, West Connection Angle - There is paint failure and minor corrosion for a 4'-0" long x 2" high area.	Upper Lateral Brace, U11W-U13E, at U13E, West Connection Angle - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00399	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Connection to West Truss, at L12 - There is 1/4" pack rust between the top and bottom flanges and connection plates, with adjacent moderate corrosion and delamination on the plates 2" wide along the edges.	Lower Lateral Brace, Connection to West Truss, at L12 - Clean, paint, and caulk areas of pack rust.		3	2023-BCZ472001 (S17-S19)-00034	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Connection to East Truss, at L12 - There is 1/4" pack rust between the top and bottom flanges and connection plates, with adjacent moderate corrosion and delamination on the plates 2" wide along the edges.	Lower Lateral Brace, Connection to East Truss, at L12 - Clean, paint, and caulk areas of pack rust.		3	2023-BCZ472001 (S17-S19)-00035	OPEN



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7	7	Superstructure/Lateral bracing	Upper Lateral Brace, U11E-U13W, at U13W, Top Flange - There is 3/8" pack rust between the top flange and top connection plate on the north side of the connection.	Upper Lateral Brace, U11E-U13W, at U13 W, Top Flange - Clean, paint, and caulk area of pack rust.	27	3	2023-BCZ472001 (S17-S19)-00039	OPEN
		59.PP 13- PP 14						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 14, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					



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6	6	Superstructure/Truss	West Truss, Bottom Chord, L13-L14, Handhole at L13 - The bottom face is deformed up to 1 1/4" over the full-length of the hand hole. One of two bolts for the grating is missing.	West Truss, Bottom Chord, L13-L14, Handhole at L13 - Replace the missing bolt.		3	2021-BCZ472001 (S17-S19)-00328	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, at L14, Inboard Gusset Plate - There is 1/4" pack rust along the bottom edge of the inboard gusset plate, with adjacent moderate corrosion.	West Truss, Bottom Chord, at L14, Inboard Gusset Plate - Clean, paint, and caulk area of pack rust.		3	2023-BCZ472001 (S17-S19)-00036	OPEN
6	6	Superstructure/Truss	West Truss, L14-U14, 10'-0" above L14, Web, North Face - There is a 9" diameter area of failed paint and active minor corrosion.	West Truss, L14-U14, 10'-0" above L14, Web, North Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00044	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L13-L14, Top Flange and East and West Webs - There are random 6" diameter areas of failing paint and active surface corrosion for about 10% of the length.	East Truss, Bottom Chord, L13-L14, Top Flange and East and West Webs - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00096	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L14, Inboard Gusset Plate, bottom edge - There is pack rust and prying up to 1/2".	East Truss, Bottom Chord, at L14, Inboard Gusset Plate, bottom edge - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00244	OPEN



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6	6	Superstructure/Truss	East Truss, Top Chord, U13-U14, at U13, Interior Faces, end 4'-0" - There is minor freckled corrosion on all faces.	East Truss, Top Chord, U13-U14, at U13, Interior Faces, end 4'-0" - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00400	OPEN
6	6	Superstructure/Truss	East Truss, L13-U13, All Interior Faces - There are several areas of paint failure with minor corrosion up to full-width x 15'-0" high.	East Truss, L13-U13, All Interior Faces - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00034	OPEN
6	6	Superstructure/Truss	East Truss, L14-U14 - There are 1'-0" high x up to full-width areas of moderate corrosion on all faces in the bottom 15'-0" of the member.	East Truss, L14-U14 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00045	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L13, Top and Bottom Connection Plates - There is up to 1/2" pack rust with adjacent moderate corrosion on plate edges.	Lower Lateral Brace, connection to the West Truss, at L13, Top and Bottom Connection Plates - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00429	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, 3'-0" inboard of connection to the West Truss, at L13 - The west top flange is deformed upward 1/4" over a 7'-0" length.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L13, Top and Bottom Connection Plate - There is recurring pack rust that has caused the west edge of the bottom flange and east edge of the top flange to deform 1/2" over the full-length of the connection plate.	Lower Lateral Brace, connection to the East Truss, at L13, Top and Bottom Connection Plate - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00246	OPEN
		59.PP 14- PP 15						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 15, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
7	7	Superstructure/Floorbeams	Floorbeam 15, South Face, east end - There is light corrosion at the corners of the interface of the vertical and horizontal web stiffeners.					



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7	7	Superstructure/Truss	West Truss, Bottom Chord, L14-L15, near L14, East Web - There are three (3) areas up to 1'-0" long x 5" high of moderate corrosion with minor delamination.	West Truss, Bottom Chord, L14-L15, near L14, East Web - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00030	OPEN
7	7	Superstructure/Truss	West Truss, Top Chord, U13-U15, Handhole at U15 - There is paint failure and minor corrosion on all interior faces extending 4'-0" south from the connection, and corrosion bleeding from the hole.	West Truss, Top Chord, U13-U15, Handhole at U15 - Clean and paint interior and around hand hole.		3	2013-BCZ472001 (S17-S19)-00037	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, at L15 - There is 1/2" pack rust along the bottom edge of the inboard gusset plate.	East Truss, Bottom Chord, at L15 - Clean, paint, and caulk area of pack rust.		3	2023-BCZ472001 (S17-S19)-00043	OPEN
7	7	Superstructure/Truss	East Truss, U15, Top Gusset Plate - There is 1/2" pack rust between the top flange and top connection plate deforming it upwards on the south edge.	East Truss, U15, Top Gusset Plate - Clean and paint area of pack rust and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00412	OPEN
7	7	Superstructure/Sway Bracing	No defects noted.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L14, Top and Bottom Flanges - There is up to 5/8" pack rust between the top west and bottom east flanges and the connection plates. The plates also have moderate corrosion with minor delamination 2" wide x 3'-0" long along edges.	Lower Lateral Brace, connection to the West Truss, at L14, Top and Bottom Flanges - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00416	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L14, Bottom Flange - There is moderate corrosion along the edge of the bottom flange.	Lower Lateral Brace, connection to the West Truss, at L14, Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00417	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, near connection to the West Truss at L14, Bottom Flange, Bottom Face - There are two (2) areas up to 6" long x 6" wide x 1/8" deep of painted over pitting.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L14, Top and Bottom Flange - There is up to 3/4" pack rust.	Lower Lateral Brace, connection to the East Truss, at L14, Top and Bottom Flange - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00245	OPEN
		59.PP 15- PP 16						
7	7	Superstructure/Secondary Members	No defects noted.					



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6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 15, Stringer Bearings - The bearings typically exhibit light corrosion. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 15, Stringer Bearings - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00250	CLOSE-CONSULTANT
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Typical - The stringers have isolated areas of freckled light corrosion.	Stringers, PP15 to PP16 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00249	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 16, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
7	7	Superstructure/Floorbeams	Floorbeam 16, South Face, in Bay 2, East of Vertical Stiffener 3, Bottom Flange - The bottom flange is deformed up to 1/2" over a 2'-0" length, and lesser amounts in multiple locations.					



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7	7	Superstructure/Floorbeams	Floorbeam 16, North Face, under Stringer 5, vertical stiffener, at the Bottom Flange - The stiffener is bent out of plane up to 3/4" over a 9" length. There is also a 2 1/2" long x 1/32" wide crack in the weld on at the west face. The crack extends into the stiffener plate, but not into the floorbeam.	Floorbeam 16, North Face, under Stringer 5, vertical stiffener, at the Bottom Flange - Remove existing stiffener and replace.	28	2	2023-BCZ472001 (S17-S19)-00046	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 16, Under Bay 1, Bottom Flange, Top Face, North Side - There is a 1'-4" long x 4" wide area of up to 3/16" deep painted over pitting.					
7	7	Superstructure/Truss	West Truss, Bottom Chord, L16 Inboard Gusset Plate - There is 1/4" pack rust along the bottom edge of the inboard gusset with associated moderate corrosion surrounding the area.	West Truss, Bottom Chord, L16 Inboard Gusset Plate - Clean, paint, and caulk area of pack rust.		3	2023-BCZ472001 (S17-S19)-00047	OPEN
7	7	Superstructure/Truss	East Truss, U15-M16, Top Handhole at U15 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, U15-M16, Top Handhole at U15 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00329	OPEN



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7	7	Superstructure/Truss	East Truss, Bottom Chord, L15-L16, 3'-6" North of L15 Inboard Gusset Plate, and at L16 Inboard Gusset Plate - There are two (2) full-height x 4" wide areas of moderate corrosion with no section loss noted.	East Truss, Bottom Chord, L15-L16, 3'-6" North of L15 Inboard Gusset Plate, and at L16 Inboard Gusset Plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00082	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L15, Top and Bottom Flanges - There is moderate corrosion with minor delamination forming on the flanges and the connection plates.	Lower Lateral Brace, connection to the West Truss, at L15, Top and Bottom Flanges - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00418	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L15, Bottom Connection Plate - There is a heavy amount of debris on the top of the connection plate.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss at L15, Bottom Flange, Top Face - There is a 1'-0" long x 4" wide area of 3/16" deep painted over pitting.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to East Truss at L15 - There is 1/4" pack rust between the top and bottom flanges and the connection plates.	Lower Lateral Brace, connection to East Truss at L15 - Clean, paint, and caulk area of pack rust.		3	2023-BCZ472001 (S17-S19)-00048	OPEN



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		59.PP 16- PP 17						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	5	Superstructure/Joints	PP17 Joint Seal - The northbound joint is open 1 3/8" at 48°F and the south side is 1/4" lower. The southbound joint is open 2 1/8" at 48°F and has minor debris accumulation.					
6	6	Superstructure/Bearings	Floorbeam 16, Stringer Bearings - The stringer bearings typically have isolated areas of minor corrosion.	Floorbeam 16, Stringer Bearings - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00251	OPEN
6	6	Superstructure/Bearings	Floorbeam 17, Stringer 5 Bearing - There is moderate corrosion with moderate laminar corrosion and staining.	Floorbeam 17, Stringer 5 Bearing - Clean and paint.		3	2017-BCZ472001 (S17-S19)-00030	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringers - The stringers have isolated areas of freckled corrosion.	Stringers, PP16 to PP17 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00255	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 17, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 17 - There is light corrosion throughout, mainly on the top flange.	Floorbeam 17 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00256	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 17, connection to the West Truss, Bottom Flange, T-Connection, North Side - There is heavy corrosion and pack rust is developing between the floorbeam bottom flange and the horizontal leg of the Tee. On the west Tee, there is 1/2" section remaining.	Floorbeam 17, connection to the West Truss, Bottom Flange, T-Connection - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00252	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 17, South Face, Web and Top Face of the Bottom Flange - There are several scattered areas of painted over section loss located intermittently for the full length of Bay 1 up to 6" wide on the flange and 4" high on the web x 1/8" deep on both.					



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6	6	Superstructure/Floorbeams	Floorbeam 17, South Face, under Bay 1, bottom longitudinal stiffener - There is moderate corrosion on top of the bottom longitudinal stiffener and 5" into web.	Floorbeam 17, South Face, under Bay 1, bottom longitudinal stiffener - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00419	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 17, connection to the East Truss, Bottom Flange, T-Connection - There is moderate corrosion with delamination along the plate edges.	Floorbeam 17, connection to the East Truss, Bottom Flange, T-Connection - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00053	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 17, North Face, under Stringer 8 - There is active corrosion with minor section loss at the junction between the longitudinal and vertical stiffeners.	Floorbeam 17, North Face, under Stringer 8 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00054	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 17, Bottom Flange, Top Face, North Side, Under Bay 1 - There is painted over section loss 3'-6" long x up to 7" wide x up to 3/16" deep.					
6	6	Superstructure/Floorbeams	Floorbeam 17, Bottom Flange, Top Face - There are up to 6" diameter areas of moderate corrosion along the full length of the bottom flange.	Floorbeam 17, Bottom Flange, Top Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00058	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 17, Bottom Flange, Bottom Face, at East Truss Connection - There is a 1'-6" long x 9" wide x 3/16" deep section of painted over pitting.					
6	6	Superstructure/Truss	West Truss, L17-U17, Interior Faces - There is peeling paint and light corrosion throughout.	West Truss, L17-U17, Interior Faces - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00319	OPEN
6	6	Superstructure/Truss	West Truss, at L17, Inboard Gusset Plate - There is a 3'-8" long x 1/4" pack rust with associated moderate adjacent corrosion along the bottom edge.	West Truss, at L17, Inboard Gusset Plate - Clean, paint, and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00065	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, at L17, East Face and Outboard Gusset Plate - There is a 3" wide band of moderate corrosion with minor section loss along the top edge. FY 2023 Inspection: This defect is not observed. Repair status changed to CLOSE-CONSULTANT.	West Truss, Bottom Chord, at L17, East Face and Outboard Gusset Plate - Clean and paint. FY 2023 Inspection: This defect is not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00420	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	West Truss, Bottom Chord, at L17, Inboard Gusset Plate, East Face, South Half - There are scattered areas of painted over pitting with up to 1/4" section loss on the bottom 3'-0" of the gusset plate, and isolated areas up to 1/16" deep throughout.					
6	6	Superstructure/Truss	East Truss, Bottom Chord, near L17, Bottom Flange Splice Plate, west end - There is pack rust with prying up to 7/8".	East Truss, Bottom Chord, near L17, Bottom Flange Splice Plate, west end - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00097	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, West Face, 6' north of L16 - There are three (3) 6" diameter areas of surface corrosion and rust bleeding.	East Truss, Bottom Chord, West Face, 6' north of L16 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00253	OPEN
7	7	Superstructure/Sway Bracing	PP17, Third Strut from the roadway, Web, Top Face - There are isolated areas up to 1'-0" wide x 4" long of minor corrosion on the east half.	PP17, Third Strut from the roadway, Web, Top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00254	OPEN
7	7	Superstructure/Lateral bracing	Upper Lateral Brace, U17E - U17W, Web, North Face, Middle 1/3rd - There is 1/8" deep painted over pitting up to 9" high throughout the middle 1/3rd.					



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Connection to East Truss, at L16 - There is 1/2" pack rust between the top and bottom plates and flanges.	Lower Lateral Brace, Connection to East Truss, at L16 - Clean, paint, and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00067	OPEN
		59.PP 17- PP 18						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	7	Superstructure/Bearings	Floorbeam 17, Stringer Bearing 8, West and East Anchor Bolts - The East Anchor Bolt is sheared and there is 25% section loss to the West Anchor Bolt with 5/8" pack rust between the bearing and the top flange.	Floorbeam 17, Stringer Bearing 8, West and East Anchor Bolts - Replace East Anchor Bolt, clean and paint West Anchor Bolt, and clean, paint and add filler as need.	29	3	2019-BCZ472001 (S17-S19)-00531	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 18, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					



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7	7	Superstructure/Floorbeams	Floorbeam 18, North Face, connection to the West Truss - There is moderate corrosion 6" high x 4" long on the web adjacent to the top of the floorbeam vertical connection angle.	Floorbeam 18, North Face, connection to the West Truss - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00422	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 18, Bottom Flange, Bottom Face, Under Bays 6 - 8 - There are several areas of active moderate corrosion with delamination.	Floorbeam 18, Bottom Flange, Bottom Face, Under Bays 6 - 8 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00350	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 18, connection to East Truss, Bottom Flange, Bottom Face - There are two (2) areas of painted over pitting up to 1'-0" long x 6" wide x 1/8" deep with adjacent paint failure and moderate corrosion and delamination.	Floorbeam 18, connection to East Truss, Bottom Flange, Bottom Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00351	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L17, Inboard Gusset Plate, East Face - There is a 6" wide x 4" high area of heavy corrosion with moderate corrosion and delamination in the area between the bottom of the south vertical floorbeam connection angle and the floorbeam bottom flange T-connection.	West Truss, Bottom Chord, at L17, Inboard Gusset Plate, East Face - Clean and paint.		3	2017-BCZ472001 (S17-S19)-00031	OPEN



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7	7	Superstructure/Truss	West Truss, L17-M18, at M18, North Splice Plate, West Edge - There is up to 3/16" pack rust causing a slight deformation.	West Truss, L17-M18, at M18, Outboard Splice Plate - Clean, paint and caulk the area of pack rust.		3	2021-BCZ472001 (S17-S19)-00055	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L18, Inboard Gusset Plate, East Face - Above the Floorbeam 18 bottom flange, on the south side of the web, there is a 6" wide x 6" high area of up to 1/8" painted over section loss.					
7	7	Superstructure/Truss	East Truss, L17-U17, All Interior Faces, from L17 to 20'-0" above the roadway - There are multiple areas of paint failure with minor surface corrosion.	East Truss, L17-U17, Interior North and South Faces, 10' above the roadway - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00032	OPEN
7	7	Superstructure/Truss	East Truss, L17-M18, Top Handhole at M18 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired with an epoxy pour. Repair status changed to CLOSE-CONSULTANT.	East Truss, L17-M18, Top Handhole at M18 - Clean the handhole of debris and paint. FY 2023 Inspection: This defect has been repaired with an epoxy pour. Repair status changed to CLOSE-CONSULTANT.	30	3	2013-BCZ472001 (S17-S19)-00033	CLOSE-CONSULTANT



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7	7	Superstructure/Truss	East Truss, L17-M18, at M18, Top Flange Splice Plate - There is poor caulking along the edges resulting in surface rust and rust staining along the edges.					
7	7	Superstructure/Truss	East Truss, L17-M18, at M18, Bottom Flange Splice Plate, east edge - The plate is warped up to 1/4" along the full-length. There is no caulking present.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Connection to West Truss, at L17 - There is moderate debris accumulation on the bottom connection plate.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L18, Bottom Flange - There is 5/16" pack rust between the bottom flange and the bottom connection plate along the full-width of the flange. FY 2023 Inspection: There is no lower lateral brace connection to East Truss at L18 in PP 17 - PP 18. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, Connection to the East Truss, at L18, Bottom Flange - Clean, paint and caulk the area of pack rust. FY 2023 Inspection: There is no lower lateral brace connection to East Truss at L18 in PP 17 - PP 18. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00496	CLOSE-CONSULTANT



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		59.PP 18- PP 19						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 19, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 19, Connection to the West Truss, Bottom Flange T-Connection - The north edge of the stem has moderate corrosion and moderate delamination.	Floorbeam 19, Connection to the West Truss, Bottom Flange T-Connection - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00431	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 19, North and South Faces, top of the Bottom Flange and longitudinal stiffeners, in Bays 1 and 2 - There are scattered areas of painted over section loss with up to 1/4" section loss.					
6	6	Superstructure/Floorbeams	Floorbeam 19, top and bottom of the Bottom Flange - There are multiple up to 10" diameter areas of corrosion and failing paint throughout the length of the floorbeam.	Floorbeam 19, top and bottom of the Bottom Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00056	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L18, Inboard Gusset Plate, East Face - There is 3" high band of minor corrosion along the top.	West Truss, Bottom Chord, at L18, Inboard Gusset Plate, East Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00421	OPEN
7	7	Superstructure/Truss	West Truss, L19-U19, Connection to the Third Strut above the roadway - There is up to 1/8" painted-over pitting.					
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L19, Inboard Gusset Plate, East Face, under the Floorbeam 19 Bottom Flange T-Connection - There is a 7" wide x 3" high area of 3/16" deep painted over section loss.					



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7	7	Superstructure/Truss	West Truss, M18-U19, Top Handhole at U19 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: An epoxy repair has been implemented at this location, but the repair is insufficient and still allows water to pond. There are 2'-0" long x 1'-0" high areas corrosion with up to 1/8" section loss and delamination on in the interior faces of the east and west plates at this location. The existing repair shall remain open.	West Truss, M18-U19, Top Handhole at U19 - Clean handhole of debris and paint.	31	3	2013-BCZ472001 (S17-S19)-00040	OPEN
7	7	Superstructure/Sway Bracing	PP19, West Diagonal at U19 - The strut is bent slightly out of plane over the length of the strut.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L18, bottom of the Bottom Flange - There is a 3" long x full width of plate area of moderate corrosion on the underside of lateral brace adjacent to the connection plate. The connection plate has 1/4" pack rust between the connection plate and the diagonal member.	Lower Lateral Brace, connection to the West Truss, at L18, bottom of the Bottom Flange - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00423	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L18, Bottom Flange - There is 1/4" pack rust between the bottom flange and the connection plate causing slight deformation.	Lower Lateral Brace, connection to the East Truss, at L18, Bottom Flange - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00257	OPEN
		59.PP 19- PP 20						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 20, North Face, top of the Bottom Flange - There are scattered areas of painted over pitting up to 1/4" deep over the west half of the floorbeam.					



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7	7	Superstructure/Floorbeams	Floorbeam 20, North Face - There are several intersecting welds at the bottom flange and longitudinal stiffener to transverse stiffener connections.					
7	7	Superstructure/Floorbeams	Floorbeam 20, connection to the West Truss, bottom of the North Vertical Connection Angle - There is a 4'-0" high area of active moderate corrosion with minor pack rust forming between the connection plate and the floorbeam.	Floorbeam 20, connection to the West Truss, bottom of the North Vertical Connection Angle - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00057	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 20, Bottom Flange, Top and Bottom Faces, East Half at Vertical Stiffeners - There are areas up to 6" diameter of moderate corrosion and delamination.	Floorbeam 20, Bottom Flange, Top and Bottom Faces, East Half at Vertical Stiffeners - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00087	OPEN
7	7	Superstructure/Truss	West Truss, L19-M20, Top Handhole at M20 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	West Truss, L19-M20, Top Handhole at M20 - Clean the handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	32	3	2013-BCZ472001 (S17-S19)-00041	CLOSE-CONSULTANT



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7	7	Superstructure/Truss	West Truss, L19-M20 at M20, Inboard North Splice Plate - There is moderate corrosion 1'-6" wide x 5" high beneath the bottom of the splice plate.	West Truss, L19-M20 at M20, Interior North Splice Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00320	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L20, Inboard and Outboard Gusset Plates, bottom edge - There is pack rust with prying (up to 1/8" at Outboard, 1/2" at Inboard).	West Truss, Bottom Chord, at L20, Inboard and Outboard Gusset Plates, bottom edge - Clean, paint and add filler as need.		3	2019-BCZ472001 (S17-S19)-00424	OPEN
7	7	Superstructure/Truss	East Truss, L19-M20, 2nd from Top Handhole at M20 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, L19-M20, 2nd from Top Handhole at M20 - Clean the handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00059	CLOSE-CONSULTANT
7	7	Superstructure/Truss	East Truss, Bottom Chord, L19-L20 - There are isolated areas of failed paint up to 4" diameter with active minor corrosion over.	East Truss, Bottom Chord, L19-L20 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00100	OPEN



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7	7	Superstructure/Truss	East Truss, Bottom Chord, at L20, Inboard and Outboard Gusset Plates, bottom edge - There is 1/4" pack rust between the flange and the gusset plates.	East Truss, Bottom Chord, at L20, Inboard and Outboard Gusset Plates, bottom edge - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00258	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Center Connection to Floorbeam 20, top face of the Bottom Connection Plate - There are two (2) areas up to 1'-6" long x 8" wide area of 5/16" deep painted over section loss.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L19 - There is active corrosion throughout with moderate debris accumulation on the top face of the lower connection plate.	Lower Lateral Brace, connection to the West Truss, at L19 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00058	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Connection to East Truss at L19, Bottom Flange, Bottom Face - There is a 1'-3" long x 8" wide x 1/8" deep area of painted over pitting.					
		59.PP 20- PP 21						
7	7	Superstructure/Secondary Members	No defects noted.					



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6	7	Superstructure/Paint	See condition notes for individual components.					
6	5	Superstructure/Joints	PP21 Joint Seal - The northbound joint is open 1 3/8" at 48°F and is depressed 1". The southbound joint is open 1 1/2" at 48°F and has minor debris accumulation.					
6	5	Superstructure/Joints	PP21 Joint Underside, in Bays 3 and 4 - There are three (3) sheared bolts in Bay 3.	PP21 Joint Underside, in Bays 3 and 4 - Replace the sheared bolts.		3	2017-BCZ472001 (S17-S19)-00032	OPEN
6	5	Superstructure/Joints	PP21 Joint, Southbound Right Lane, 1'-3" from the lane line - There is a 5" long x 1/2" deep area of minor impact damage to the south joint armor.	PP21 Joint, Southbound Right Lane, 1'-3" from the lane line - Replace the joint armor.	33	3	2021-BCZ472001 (S17-S19)-00060	OPEN
6	5	Superstructure/Joints	PP21 Joint - The south side of joint is up to 3/8" higher than north side in the southbound lanes.	PP21 Joint - Repair the difference in height at the joint.		3	2011-BCZ472001-00003	OPEN
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 21, connection to the East Truss - There is minor surface corrosion throughout with isolated areas of up to 6" diameter delamination at the connection plates.	Floorbeam 21, connection to the East Truss - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00352	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 21, South Face, at Stringers 3, 7 and 8, vertical stiffeners - There is minor freckled corrosion between the top of the vertical stiffeners and the floorbeam top flange. These three (3) stiffeners are also bent out of plane 1/4" for 6" high at midheight.	Floorbeam 21, South Face, at Stringers 3, 7 and 8, vertical stiffeners - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00259	OPEN
6	7	Superstructure/Truss	West Truss, Upper Chord, at U21, Inboard Gusset Plate - There is a 2" gouge in gusset with corrosion forming on the steel beneath.					



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6	7	Superstructure/Truss	West Truss, M20-U21, Top Hand Hole at U21 - The interior faces of the east and west plates have 2'-0" long x 1'-0" high areas of heavy corrosion with 1/8" of section loss due to ponding water at the diaphragm. The north plate has a 1'-0" wide x 4" high area of heavy corrosion with 1/4" of section loss. FY 2023 Inspection: An epoxy repair has been implemented, but the repair is insufficient, and water is still able to pond below the hand hole.	West Truss, M20-U21, Top Hand Hole at U21 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00090	OPEN
6	7	Superstructure/Truss	East Truss, M20-U21, Handhole at M20 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect was not observed. There is no diaphragm present at M20. Repair status changed to CLOSE-CONSULTANT.	East Truss, M20-U21, Handhole at M20 - Clean the handhole of debris and paint. Repair the drain apron. FY 2023 Inspection: This defect was not observed. There is no diaphragm present at M20. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00101	CLOSE-CONSULTANT
6	7	Superstructure/Truss	East Truss, L21-U21, Interior Faces - There are random 1'-0" wide x 1'-0" high areas of paint failure with corrosion in the lower 25'-0" of the member.	East Truss, L21-U21, Interior Faces - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00035	OPEN



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6	7	Superstructure/Truss	East Truss, M20-U21, Top Handhole at U21 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, M20-U21, Top Handhole at U21 - Clean the handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00061	CLOSE-CONSULTANT
6	7	Superstructure/Truss	East Truss, L20-M20, East Flange, West Face, South Side, Bottom 20'-0" - There are two (2) 6" diameter areas of moderate corrosion with delamination.	East Truss, L20-M20, East Flange, West Face, South Side, Bottom 20'-0" - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00091	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L20, bottom of the Bottom Flange - There are multiple 10" diameter areas of 1/8" deep painted over pitting.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Center Connection to Floorbeam 21, northeast and northwest corners - There is up to 3/4" pack rust bending the connection plate.	Lower Lateral Brace, Center Connection to Floorbeam 21, northeast and northwest corners - Clean, paint and caulk the areas of pack rust.		3	2019-BCZ472001 (S17-S19)-00260	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, 1'-0" from connection to the East Truss at L20, Bottom Flange, Bottom Face - There is a 9" long x 3" wide area of up to 1/8" deep painted over pitting.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, L21E - L21W, Lower Strut, North Face - There is 1/4" pack rust between the top flange and connection plate at the center vertical member.	Lower Lateral Brace, L21E - L21W, Lower Strut, North Face - Clean, paint, and add filler as needed.	34	3	2023-BCZ472001 (S17-S19)-00093	OPEN
		59.PP 21- PP 22						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 22, connection to the West Truss - There is 8" diameter moderate corrosion with minor section loss above the vertical connection angle.	Floorbeam 22, connection to the West Truss - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00191	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 22, connection to the East Truss - There is minor corrosion at the top of the angle.	Floorbeam 22, connection to the East Truss - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00062	OPEN
7	7	Superstructure/Truss	West Truss, L21-M22, Top Handhole at M22 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	West Truss, L21-M22, Top Handhole at M22 - Clean the handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00036	CLOSE-CONSULTANT
7	7	Superstructure/Truss	East Truss, L22-M22, East Flange, South Side, West Face - There are several 9" diameter areas of moderate corrosion between the deck and L22.	East Truss, L22-M22, East Flange, South Side, West Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00095	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, L22E-L22W, Middle Third, South Face of web - There are random areas up to 6" long x 3" high x 1/4" deep of painted over pitting at the interface with the bottom flange.					
		59.PP 22- PP 23						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					



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7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 23, connection to the West Truss - There are moderate corrosion stains on the connection angle.					
6	6	Superstructure/Truss	West Truss, U21-U23, Handhole at U23 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole extending 4" long from the south edge of the hand hole x full width of the bottom plate.	West Truss, U21-U23, Handhole at U23 - Clean the handhole of debris and paint.		3	2021-BCZ472001 (S17-S19)-00063	OPEN
6	6	Superstructure/Truss	West Truss, L23-U23, Interior Faces, at the First Strut from the roadway - There is a 1'-0" wide x 1'-0" high area of 1/2" deep painted over pitting. FY 2023 Inspection: This defect was not observed.					



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6	6	Superstructure/Truss	West Truss, L23-M23, Interior Faces - There is peeling paint and minor corrosion throughout the bottom 10'-0".	West Truss, L23-M23, Interior Faces - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00097	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, at L23, Top Face - There is heavy debris accumulation between the gusset plates.	West Truss, Bottom Chord, at L23, Top Face - Remove the debris.		3	2013-BCZ472001 (S17-S19)-00150	OPEN
6	6	Superstructure/Truss	East Truss, M22-U23, Handhole at M22 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect was not observed. There is no diaphragm present at M22. Repair status changed to CLOSE-CONSULTANT.	East Truss, L21-M22, Handhole at M22 - Clean the handhole of debris and paint. Repair the drain apron. FY 2023 Inspection: This defect was not observed. There is no diaphragm present at M22. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00102	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, M22-L23, below the deck - There are isolated areas of moderate corrosion and bleeding rust that typically measure 6" diameter, up to 2'-0" wide x 2'-6" long, throughout a 25'-0" length.	East Truss, L23-M22, below the deck - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00452	OPEN



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6	6	Superstructure/Truss	East Truss, L23-U23, Interior Faces, between the Bottom Chord and deck level - There are 1'-0" diameter areas of moderate corrosion and bleeding rust over a 12' length.	East Truss, L23-U23, Interior Faces, between the Bottom Chord and deck level - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00084	OPEN
6	6	Superstructure/Truss	East Truss, L23-U23, between the Bottom Chord and the deck level, above the Gusset at L23, Inboard Face - There is a 4'-0" high x 2'-0" wide area of flaking paint with moderate corrosion and delamination.	East Truss, L23-U23, between the Bottom Chord and the deck level, above the Gusset at L23, Inboard Face - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00064	OPEN
6	6	Superstructure/Truss	East Truss, L22-L23 at L22, East Face - There is a 3" long x full height area of minor corrosion.	East Truss, L22-L23 at L22, East Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00096	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L23, Inboard Gusset Plate, East Face - There is minor active corrosion with no notable section loss.	East Truss, Bottom Chord, at L23, Inboard Gusset Plate, East Face - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00065	OPEN



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6	6	Superstructure/Truss	East Truss, Bottom Chord, at L23, Inboard Gusset Plate - There are six (6) nuts at the top north corner of the gusset that exhibit failing paint with active minor corrosion either on the nut or around the nut with previously painted over pitting up to 1/8" deep.	East Truss, Bottom Chord, at L23, Inboard Gusset Plate - Clean and paint the nuts.		3	2019-BCZ472001 (S17-S19)-00263	OPEN
7	7	Superstructure/Sway Bracing	No defects noted.					
7	7	Superstructure/Lateral bracing	No defects noted.					
		59.PP 23- PP 24						
7	7	Superstructure/Secondary Members	L23W-L23E, Bottom Gusset Plate of the strut, Center Connection - There is up to 1/4" pack rust along the west edge and up to 1/2" pack rust on the east edge.	L23W-L23E, Bottom Gusset Plate of the strut - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00261	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 24, connection to the East and West Trusses, Top and Bottom Vertical Connection Angles - There is moderate corrosion on the connection angles, with the south side being more severe than the north side.	Floorbeam 24, connection to the East and West Trusses, Top and Bottom Connection Angles - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00262	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, near L23, Inboard and Outboard Gusset Plates - There is corrosion staining between the webs of the bottom chord and the gusset plates that extends several feet along the bottom chord.					
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L24, Inboard Gusset Plate, East Face - There is paint failure for a 6" height with bleeding rust at the south edge of the gusset plate. There is also debris accumulation between the gussets at this location.	West Truss, Bottom Chord, at L24, Inboard Gusset Plate, East Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00425	OPEN



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7	7	Superstructure/Truss	West Truss, L23-M24, Top Handhole at M24 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	West Truss, Diagonal Member L23-M24, top handhole at M24 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00042	CLOSE-CONSULTANT
7	7	Superstructure/Truss	East Truss, L23-M24, Top Handhole at M24 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, L23-M24, top handhole at M24 - Clean the handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00038	CLOSE-CONSULTANT
7	7	Superstructure/Truss	East Truss, Bottom Chord, at L24, Inboard and Outboard Gusset Plates, bottom edge - There is up to 1/4" pack rust along the full-length of the gussets, and there is moderate corrosion on the interior faces of both gusset plates.	East Truss, Bottom Chord, at L24, Inboard and Outboard Gusset Plates, bottom edge - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00264	OPEN



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7	7	Superstructure/Truss	East Truss, Top Chord, U23-U24, Handhole at U23 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, Top Chord, U23-U24, Handhole at U23 - Clean the debris from the handhole and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00066	CLOSE-CONSULTANT
7	7	Superstructure/Truss	East Truss, L24-M24, Below Deck Level - There are random 9" diameter areas of minor to moderate corrosion with delamination.	East Truss, L24-M24, Below Deck Level - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00098	OPEN
7	7	Superstructure/Lateral bracing	No defects noted.					
		59.PP 24- PP 25						
6	6	Superstructure/Secondary Members	PP24, Lower strut - There are scattered areas of painted over section loss up to 1/16" deep throughout its length.					
6	6	Superstructure/Secondary Members	L24W-L24E, Bottom Gusset Plate, west edge - There is up to 1/4" pack rust.	L24W-L24E, Bottom Gusset Plate, west edge - Clean, paint and caulk the area of pack rust.		3	2019-BCZ472001 (S17-S19)-00265	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					



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6	5	Superstructure/Joints	PP25 Joint Seal - The northbound joint is open 2 1/2" at 48°F and is depressed 1". The southbound joint is open 2 3/4" at 48°F and has minor debris accumulation.					
6	5	Superstructure/Joints	PP25 Joint, Northbound Lanes - The north side of the joint is 1/4" lower than the south side. FY 2023 Inspection: This defect was not observed.					
6	5	Superstructure/Joints	PP25 Joint Armor, Southbound Right Lane, near the centerline - There is a minor area of impact damage over a 5" length.					
6	5	Superstructure/Joints	PP25 Strip Seal, Southbound Right Shoulder Line - There is a 4" tear in the strip seal.	PP25 Strip Seal, Southbound Right Shoulder Line - Repair the torn strip seal.		3	2021-BCZ472001 (S17-S19)-00067	OPEN
6	6	Superstructure/Bearings	PP25, Truss bearings - There is moderate corrosion staining and ponding water between stiffeners. There is moderate corrosion at perimeter of the bearing pin cover plates and above the pin with corrosion and active leakage from the weep hole above the cover plate.	PP25, Truss bearings - Provide drainage for the ponding water.	35	3	2010-BCZ472001-00135	OPEN



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6	6	Superstructure/Bearings	Floorbeam 25, Stringer Bearings - There is typically up to 1/4" pack rust under the masonry plate, bending the plate upward. There is also moderate corrosion on the masonry plates.	Floorbeam 25, Stringer Bearings - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00432	OPEN
6	6	Superstructure/Bearings	Floorbeam 25, Stringer 4 Bearing, West Anchor Bolt - The anchor bolt is missing and there is 1/4" pack rust below the bearing.	Floorbeam 25, Stringer 4 Bearing, West Anchor Bolt - Replace the missing anchor bolt, clean, paint and add filler as needed.	36	3	2013-BCZ472001 (S17-S19)-00089	OPEN
6	6	Superstructure/Bearings	Floorbeam 25, Stringer 5 Bearing, East Anchor Bolt - The anchor bolt is missing and there is 1/4" pack rust below the bearing.	Floorbeam 25, Stringer 5 Bearing, East Anchor Bolt - Replace the missing anchor bolt, clean, paint and add filler as needed.		3	2015-BCZ472001 (S17-S19)-00029	OPEN
6	6	Superstructure/Bearings	Floorbeam 25, Stringer 6 Bearing, East Anchor Bolt - The anchor bolt is missing.	Floorbeam 25, Stringer 6 Bearing, East Anchor Bolt - Replace the missing anchor bolt.		3	2019-BCZ472001 (S17-S19)-00266	OPEN
6	6	Superstructure/Bearings	Floorbeam 25, Stringer 7 Bearing, West Anchor Bolt - The anchor bolt is missing.	Floorbeam 25, Stringer 7 Bearing, West Anchor Bolt - Replace the missing anchor bolt.		3	2021-BCZ472001 (S17-S19)-00068	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 25, below Stringers 3 and 4, Bottom Flange, south edge - There are several vertical gouges approximately 1/8" deep.					
7	7	Superstructure/Floorbeams	Floorbeam 25, Connection to East Truss - Vertical connection plates have moderate corrosion throughout.	Floorbeam 25, Connection to East Truss - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00101	OPEN
6	6	Superstructure/Truss	West Truss, M24-L25, Top Handhole at M24 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	West Truss, M24-L25, Top Handhole at M24 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00151	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East and West Truss, L25-U25, Interior - There is 6" of standing water and heavy debris in members being retained between gusset plates. Water is leaking from inside member immediately above bearings from L25 and sitting at the bases of the bearings.	East and West Truss, L25-U25, Interior - Clean debris from inside the truss box member and provide preventative measures to eliminate ponding water.	37	3	2010-BCZ472001-00198	OPEN



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6	6	Superstructure/Truss	East Truss, L25-U25, West Face - There is 3 SF of peeling paint and corrosion located 6'-0" above the roadway level.	East Truss, L25-U25 - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00008	OPEN
6	6	Superstructure/Truss	East Truss, M24-L25, Top Handhole at M24 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, M24-L25, Top Handhole at M24 - Clean the handhole of debris and paint. Repair the drain apron. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00031	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, Outboard Gusset Plates at L25 - There are 1'-0" diameter scattered areas of minor to moderate corrosion with minor delamination.	East Truss, Outboard Gusset Plates at L25 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00099	OPEN
6	6	Superstructure/Truss	East Truss, M24-L25, 15'-0" from L25, East Face - There are random up to full width x 4'-0" high x 1/16" deep areas of painted over pitting.					
6	6	Superstructure/Truss	East Truss, L25-U25, Below Deck Level to L25, West Face - There are scattered up to 9" diameter areas of paint failure with moderate corrosion and delamination.	East Truss, L25-U25, Below Deck Level to L25, West Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00100	OPEN



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6	6	Superstructure/Sway Bracing	PP25, First Strut below the deck, Connection to the East Truss - The connection exhibits moderate corrosion throughout.	PP25, First Strut below the deck, Connection to the East Truss - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00451	OPEN
6	6	Superstructure/Sway Bracing	PP25, First Strut above the roadway, Center Connection, top of the Web - There is minor corrosion over a 2' length.					
6	6	Superstructure/Sway Bracing	PP25, Second Strut above the roadway, top of the Web - There is minor surface corrosion throughout.	PP25, Second Strut above the roadway, top of the Web - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00485	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Connection to the East Truss, at L25 - There is one (1) sheared off bolt. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, Connection to the East Truss, at L25 - Replace the sheared bolt. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00085	CLOSE-CONSULTANT
		60.01 - Pedestals						
6	6	Substructure	Pier 16, East and West Truss Bearing Pedestals - There are multiple 1/8" wide cracks extending radially from the masonry plates on the toe side.	Pier 16, East and West Truss Bearing Pedestals - Seal the 1/8" wide cracks extending radially from the masonry plates.		3	2013-BCZ472001 (S17-S19)-00192	OPEN



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		60.03 - Capbeam/Top of Pier						
7	7	Substructure	Pier 17 - There are intermittent up to 1/8" wide vertical cracks with moderate efflorescence throughout the cap.	Pier 17 - Seal the 1/16" to 1/8" wide vertical cracks on the cap.		3	2023-BCZ472001 (S17-S19)-00050	OPEN
7	7	Substructure	Pier 17, Bottom Face, south end - There is a 6'-0" long x 1/8" wide crack with an associated 9" wide delamination.	Pier 17, Bottom Face, south end - Remove unsound concrete and patch. Seal the crack.		3	2021-BCZ472001 (S17-S19)-00022	OPEN
7	7	Substructure	Pier 17, East and West Faces, at the top - There is a full-width x 1'-6" high delamination with active leakage from the bearing with intermittent up to 3" wide x 2" deep corner spalling.	Pier 17, East and West Faces, at the top - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00023	OPEN
		60.04 - Columns						
6	6	Substructure	Pier 17 - Hairline to 1/8" wide cracks are typical on all columns, in patches, and at the interfaces of the columns with the cap. Some cracks have moderate efflorescence.	Pier 17 - Seal the 1/16" to 1/8" wide cracks on all columns.		3	2019-BCZ472001 (S17-S19)-00104	OPEN
6	6	Substructure	Pier 17 - Small areas of delaminated concrete (up to 6" diameter) are typical at the construction joints.					



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6	6	Substructure	Pier 17, construction joint at the fender step up - There is typical hairline cracking with light efflorescence and light corrosion staining.					
6	6	Substructure	Pier 17, West Columns, North Face, above the intersection of the columns, at the cap - There is a 3'-6" wide x 11" high area of delamination.	Pier 17, West Columns, North Face, above the intersection of the columns, at the cap - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00029	OPEN
6	6	Substructure	Pier 17, West Columns, West Face, above the intersection of the columns, at the cap - There is an 8'-0" wide x 16'-6" high area of delamination with water staining and intermittent 1/16" wide vertical cracking.	Pier 17, West Columns, West Face, above the intersection of the columns, at the cap - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00028	OPEN
6	6	Substructure	Pier 17, West Columns, East Face under the Pier Cap - There is a 6'-0" long x 2'-0" high area of delamination in the south half of the patch.	Pier 17, West Columns, East Face under the Pier Cap - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00048	OPEN
6	6	Substructure	Pier 17, Northwest Column, West Face, 10' above the fender - There is a full-width x 4'-0" high area of 1" deep scrapes.					



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6	6	Substructure	Pier 17, Northwest Column, East Face, north end - There are loose conduit connection angles throughout.	Pier 17, Northwest Column, East Face, north end - Replace the loose conduit connection angles.		3	2021-BCZ472001 (S17-S19)-00330	OPEN
6	6	Substructure	Pier 17, Northwest Column, Northeast Chamfer, 2' from the bottom of the cap - There is a 1'-0" wide x 5'-6" high area of delamination.	Pier 17, Northwest Column, Northeast Chamfer, 2' from the bottom of the cap - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00036	OPEN
6	6	Substructure	Pier 17, Northwest Column, East Face, south end, at the intersection of the columns - There is a 4'-0" wide x up to 3'-6" high area of delamination.	Pier 17, Northwest Column, East Face, south end, at the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00037	OPEN
6	6	Substructure	Pier 17, Southwest Column, North Face, west end, 20' from the base - There is a 2'-2" wide x 1'-8" high x up to 2" deep spall that extends into the northwest chamfer.	Pier 17, Southwest Column, North Face, west end, 20' from the base - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00030	OPEN
6	6	Substructure	Pier 17, Southwest Column, North Face, west end, 10' above the fender - There is a 12'-0" high x 10'-0" wide area of 1" deep scrapes.					



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6	6	Substructure	Pier 17, Southwest Column, Northeast and Northwest Corners, 40' from the base - There is a 6" diameter void in the concrete from formwork at each corner.	Pier 17, Southwest Column, Northeast and Northwest Corners, 40' from the base - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00024	OPEN
6	6	Substructure	Pier 17, Southwest Column, South Face, at the intersection of the columns - There is a 3'-6" wide x 3'-3" high area of delamination with hairline cracking and minor efflorescence.	Pier 17, Southwest Column, South Face, at the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00032	OPEN
6	6	Substructure	Pier 17, Southwest Column, South Face, 11' from the bottom of the cap - There is a 2'-3" wide x 7'-0" high area of delamination.	Pier 17, Southwest Column, South Face, 11' from the bottom of the cap - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00033	OPEN
6	6	Substructure	Pier 17, Southwest Column, South Face, 35' from the base - There is a 6" wide x 1'-6" high x 1" deep spall. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Pier 17, Southwest Column, South Face, 35' from the base - Remove unsound concrete and patch. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00027	CLOSE-CONSULTANT
6	6	Substructure	Pier 17, Southwest Column, West Face, north end, 10' above the fender - There is a 12'-0" high x 10'-0" wide area of 1" deep scrapes.					



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6	6	Substructure	Pier 17, Southwest Column, East Face, north end, at the intersection of the columns - There is a 1'-0" wide x 3'-6" high area of delamination	Pier 17, Southwest Column, East Face, north end, at the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00035	OPEN
6	6	Substructure	Pier 17, Southwest Column, East Face, mid-height - There is a 6" diameter x 1/2" deep spall with exposed and corroded reinforcement.	Pier 17, Southwest Column, East Face, mid-height - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00025	OPEN
6	6	Substructure	Pier 17, East Columns, West Face, just above the intersection of the columns - There is a 2'-0" wide x 1'-0" high delamination with rust staining.	Pier 17, East Columns, West Face, just above the intersection of the columns - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00054	OPEN
6	6	Substructure	Pier 17, East Columns, East Face, above the intersection of the columns - There is an up to 16'-0" wide x 26'-0" high area of delamination due to water leakage from the bearing.	Pier 17, East Columns, East Face, above the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00026	OPEN
6	6	Substructure	Pier 17, Northeast Column, East Face, 8' from the base - There are two 6" diameter x 3/4" deep spalls with exposed corroded reinforcement.	Pier 17, Northeast Column, East Face, 8' from the base - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00051	OPEN



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6	6	Substructure	Pier 17, Northeast Column, East Face, 10' from the base - There are two 8" diameter x 1" deep spalls with exposed corroded reinforcement.	Pier 17, Northeast Column, East Face, 10' from the base - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00056	OPEN
6	6	Substructure	Pier 17, Northeast Column, East Face, 20' from the base - There is a 2'-9" wide x up to 2'-9" high delamination with an adjacent 7" diameter x 3/4" deep spall.	Pier 17, Northeast Column, East Face, 20' from the base - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00052	OPEN
6	6	Substructure	Pier 17, Northeast Column, South Face, 30' from the intersection of the columns - There is a 3" wide x 1'-8" high x 3 1/2" deep spall with a piece of embedded timber.	Pier 17, Northeast Column, South Face, 30' from the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00039	OPEN
6	6	Substructure	Pier 17, Northeast Column, West Face, south end, 10' from the intersection of the columns - There is a 3'-0" wide x 15'-0" high area of delamination with vertical cracks with moderate efflorescence.	Pier 17, Northeast Column, West Face, south end, 10' from the top of the intersection of the columns - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00055	OPEN



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6	6	Substructure	Pier 17, Northeast Column, East Face, South End - There is an 8'-0" high area of delamination, 1'-6" wide on the east face and 4" wide on the south face, with an associated 7" wide x 1'-9" high x 2" deep spall with exposed and corroded reinforcement. The delaminated area exhibits up to 1/16" wide cracking with areas of moderate to severe efflorescence.	Pier 17, Northeast Column, East Face, South End - Remove unsound concrete and patch.	38	3	2021-BCZ472001 (S17-S19)-00038	OPEN
6	6	Substructure	Pier 17, Northeast Column, East Face, north end, 20' from the intersection of the columns - There is a 2'-0" wide x 6'-0" high area of delamination with hairline cracking and minor efflorescence.	Pier 17, Northeast Column, East Face, north end, 20' from the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00040	OPEN
6	6	Substructure	Pier 17, Southeast Column, East Face, 35' from the intersection of the columns - There are 10'-0" high x 1/8" wide cracks with rust staining and moderate efflorescence.	Pier 17, Southeast Column, North Face, east end, 35' from the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00031	OPEN



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6	6	Substructure	Pier 17, Southeast Column, East Face at the North Edge, 2' from the intersection of the columns - There is a delaminated area 10'-0" high x 2'-0" wide on the East Face x 6" wide on the North Face with an associated 6" diameter x 2" deep spall with exposed corroded reinforcement.	Pier 17, Southeast Column, East Face at North Edge, 2' from the intersection of the columns - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00052	OPEN
6	6	Substructure	Pier 17, Southeast Column, East Face, 3' from the intersection of the columns - There is a 1'-3" high x 1'-0" wide x up to 2" deep spall with exposed corroded reinforcement.	Pier 17, Southeast Column, East Face, 3' from the intersection of the columns - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00055	OPEN
6	6	Substructure	Pier 17, Southeast Column, South Face, at the cap construction joint - There is an up to 10'-0" wide x 14'-0" high area of delamination.	Pier 17, Southeast Column, South Face, at the cap construction joint - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00034	OPEN
		60.05 - Footing						
N	N	Substructure	Footing not visible.					
		60.06 - Erosion/Scour						
7	N	Substructure	No defects noted.					



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		60.08 - Catwalk						
N	N	Substructure	There is no rail system in place on top of the pier; however, west truss ladder terminates at pier cap.	Pier 17, north side at the top - Install a safety rail system for maintenance and inspection personnel.		3	2013-BCZ472001 (S17-S19)-00152	OPEN
		60.09 - Fender/Armorin g						
7	7	Substructure	No defects noted.					
		60.24 - Settlement						
7	7	Substructure	No defects noted.					
		60.25 - Fender System						
6	6	Substructure	Pier 17, Fender Concrete Support Beam, Top Face - Hairline to 1/8" wide cracks are typical between the timber support connection angles with associated 6" wide delaminations. FY 2023 Inspection: This defect was not observed due to bird debris.					
6	6	Substructure	Pier 17, Timber Fender - There is minor surface corrosion on the fender lower row of bolts.					
6	6	Substructure	Pier 17, Timber Fender, West Side - The "Danger Bridge Work Above" sign is peeling and partially illegible.	Pier 17, Timber Fender, West Side - Remove the "Danger Bridge Work Above" sign.		3	2019-BCZ472001 (S17-S19)-00532	OPEN



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6	6	Substructure	Pier 17, Timber Fender, East Side - The "Danger Bridge Work Above" sign is peeling and partially illegible.	Pier 17, Timber Fender, East Side - Remove the "Danger Bridge Work Above" sign.		3	2021-BCZ472001 (S17-S19)-00009	OPEN
6	6	Substructure	Pier 17, Southwest Dolphin - The dolphin is leaning noticeably to the northwest.		39			
6	6	Substructure	Pier 17, Southwest Dolphin, Northeast Face - The middle bumper is missing.	Pier 17, Southwest Dolphin, Northeast Face - Replace missing middle bumper. Replace missing rubber fenders. FY2023 Inspection: Repair status changed to CLOSE-CONSULTANT as this is a duplicate repair ID of 2017-BCZ472001(S17-S19)-00034.		3, 3	2017-BCZ472001 (S17-S19)-00034, 2017-BCZ472001 (S17-S19)-00035	CLOSE-CONSULTANT OPEN
6	6	Substructure	Pier 17, Southwest Dolphin - Along the top edge of the top anchorage there is a 1'-0" wide x 6" high x 4" deep spall.	Pier 17, Southwest Dolphin - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00054	OPEN
6	6	Substructure	Pier 17, Southeast Dolphin - There is an up to 1'-6" deep x 1'-6" H spall/scale at the waterline around the full perimeter.	Pier 17, Southeast Dolphin - Remove unsound concrete and patch.	40	3	2021-BCZ472001 (S17-S19)-00041	OPEN



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Condition Notes and Repair Recommendations for item 58 - 62

6	6	Substructure	Pier 17, Southeast Dolphin, Top Northwest, Southwest and Southeast Anchors - There are 2'-0" wide x 9" high x 3" deep spalls around the anchors with exposed corroded steel reinforcement.	Pier 17, Southeast Dolphin, Top Northwest, Southwest and Southeast Anchors - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00042	OPEN
		60.Utilities						
7	7	Substructure	Pier 17, Southeast Column, West Face - There is minor corrosion throughout the conduit and the connection angles.					



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Span 18								
Cond.Rating 2023	Cond.Rating 2021	Element # Location	Condition Description Notes	Repair Recommendations	Photos	MDTA Repair	Repair ID	Status
		58.01 - Wearing Surface						
5	6	Deck	Span 18 - There is approximately 1168 SF of patches throughout the Southbound Lanes and 1360 SF of patches throughout the Northbound Lanes. All patches are sound unless noted otherwise.					
5	6	Deck	Northbound Right Lane, just north of the PP29 joint, 6'-0" from the lane line - There is a 10" long x 1'-6" wide area of delamination with an 8" long x 1'-3" wide up to 2" deep spall with exposed corroded steel reinforcement. FY 2023 Inspection: This defect has been repaired. Repair Status changed to CLOSE-CONSULTANT.	Northbound Right Lane, just north of the PP29 joint, 6'-0" from the lane line - Remove unsound concrete and patch. FY2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	41	2	2021-BCZ472001 (S17-S19)-00011	CLOSE-CONSULTANT
5	6	Deck	Northbound Right Lane, 15'-0" north of PP38 along right wheel path - There is a 1'-4" long x 1'-0" wide x 1 3/4" deep spall.	Northbound Right Lane, 15'-0" north of PP38 along right wheel path - Remove unsound concrete and patch.	42	1	2023-BCZ472001 (S17-S19)-00076	OPEN



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5	6	Deck	Northbound Right Lane, just south of the PP41 joint - There is a 2'-0" long x 2'-6" wide existing patch with exposed aggregate.					
5	6	Deck	Northbound Left Lane, 4'-0" south of PP49 - There is a 2'-6" long x 2" wide x 1/4" deep gouge.					
5	6	Deck	Northbound Right Shoulder, 15'-0" north of PP49 - There is a 1'-4" long x 1'-6" wide area of delamination.	Northbound Right Shoulder, 15'-0" north of PP49 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00026	OPEN
5	6	Deck	Northbound Right Shoulder, 6'-0" south of PP52 - There is a 1'-9" long x 1'-6" wide area of delamination. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Northbound Right Shoulder, 6'-0" south of PP52 - Remove unsound concrete and patch. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00027	CLOSE-CONSULTANT
5	6	Deck	Northbound Right Shoulder, 4'-0" north of PP53 - There is a 1'-0" long x 10" wide area of delamination.	Northbound Right Shoulder, 4'-0" north of PP53 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00130	OPEN
5	6	Deck	Northbound Right Shoulder, 15'-0" north of PP54 - There is a 1'-8" long x 1'-6" wide area of delamination.	Northbound Right Shoulder, 15'-0" north of PP54 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00131	OPEN



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5	6	Deck	Northbound Right Lane, 8'-6" south of PP56 - There is a 10" long x 8" wide x 1 1/8" deep spall. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	Northbound Right Lane, 8'-6" south of P56 - Remove unsound concrete and patch. FY2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	43	3	2021-BCZ472001 (S17-S19)-00012	CLOSE-CONSULTANT
5	6	Deck	Northbound Right Shoulder, 12'-0" north of PP57 - There is a 4'-3" long x 1'-6" wide area of delamination.	Northbound Right Shoulder, 12'-0" north of PP57 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00137	OPEN
5	6	Deck	Northbound Right Shoulder, 4'-0" north of PP58 - There is a 1'-3" long x 1'-0" wide area of delamination.	Northbound Right Shoulder, 4'-0" north of PP58 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00138	OPEN
5	6	Deck	Northbound Right Lane, 10'-0" north of PP59, near the center line - There are two (2) 6" diameter x 3/4" deep spalls.	Northbound Right Lane, 10'-0" north PP59, near the center line - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00299	OPEN
5	6	Deck	Northbound Right Shoulder, 15'-0" north of PP61 - There is a 1'-0" long x 1'-0" wide area of delamination.	Northbound Right Shoulder, 15'-0" north of PP61 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00140	OPEN
5	6	Deck	Northbound Right Shoulder, 6'-0" south of PP61 - There is a 3'-9" long x 1'-6" wide area of delamination.	Northbound Right Shoulder, 6'-0" south of PP61 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00139	OPEN



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5	6	Deck	Northbound Right Lane, 10'-0" north of PP61 - There is a 6" wide x 3" long x 3/4" deep spall.	Northbound Right Lane, 10'-0" north of PP61 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00300	OPEN
5	6	Deck	Northbound Right Lane, 4'-0" north of PP61 - There is a 1'-5" long x 5" wide area of delamination. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Northbound Right Lane, 4'-0" north of PP61 - Remove unsound concrete and patch. FY2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00141	CLOSE-CONSULTANT
5	6	Deck	Southbound Right Shoulder line - There are up to 9" wide x 1/2" deep areas of missing aggregate throughout the span.					
5	6	Deck	Southbound Right Shoulder, at PP27 - There is a 1'-9" long x 1'-6" wide area of delamination.	Southbound Right Shoulder, at PP27 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00132	OPEN
5	6	Deck	Southbound Roadway, between PP36 and PP41, near the lane line - There are multiple up to 6'-0" long x 1 1/2" wide x 1/2" deep scrapes.					
5	6	Deck	Southbound Right Shoulder, 2'-0" north of PP53 - There is a 1'-6" long x 1'-6" wide area of delamination.	Southbound Right Shoulder, 2'-0" north of PP53 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00143	OPEN



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5	6	Deck	Southbound Right Shoulder, 13'-0" south of PP54 - There is a 1'-6" long x 1'-6" wide area of delamination.	Southbound Right Shoulder, 13'-0" south of PP54 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00133	OPEN
5	6	Deck	Southbound Right Shoulder, 16'-0" south of PP54 - There is a 1'-6" long x 1'-6" wide area of delamination. FY 2023 Inspection: This defects was not observed. Repair status changed to CLOSE-CONSULTANT.	Southbound Right Shoulder, 16'-0" south of PP54 - Remove unsound concrete and patch. FY2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00142	CLOSE-CONSULTANT
5	6	Deck	Southbound Right Shoulder, 1'-6" south of PP57 - There is a 1'-6" long x 2'-0" wide area of delamination.	Southbound Right Shoulder, 1'-6" south of PP57 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00136	OPEN
5	6	Deck	Southbound Right Lane, at midpoint between PP56 and PP57, center of lane - There is a 1'-0" diameter x 1 1/2" deep spall.					
5	6	Deck	Southbound Right Shoulder, at PP61 - There is a 1'-6" long x 1'-6" wide area of delamination within a patch. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Southbound Right Shoulder, at PP61 - Remove unsound concrete and patch. FY2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00134	CLOSE-CONSULTANT



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5	6	Deck	Southbound Right Shoulder, 5'-6" north of PP61 - There is a 2'-3" long x 1'-6" wide area of delamination. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Southbound Right Shoulder, 5'-6" north of PP61 - Remove unsound concrete and patch. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00135	CLOSE-CONSULTANT
		58.03 - Fascias						
5	6	Deck	West Fascia, Typical - There are up to 1'-0" diameter x 1/2" deep spalls and random up to 3'-0" long x 1'-0" wide patches with isolated deterioration/delamination.					
5	6	Deck	West Fascia, 4'-0" north of PP25 - There are two (2) up to 1'-0" long x 4" wide x 3" high spalls.	West Fascia, 4'-0" north of PP25 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00146	OPEN
5	6	Deck	West Fascia, between PP26 and PP27 - There are two (2) up to 1'-0" long x 4" wide x 3" high spalls.	West Fascia, between PP26 and PP27 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00147	OPEN
5	6	Deck	East Fascia, midpoint between PP26 and PP27, in the underside of overhang - There is a 1'-0" long x 4" wide x 1" deep spall.	East Fascia, midpoint between PP26 and PP27, in the underside of overhang - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00310	OPEN
5	6	Deck	West Fascia, south of PP28, top edge of parapet - There is a 1'-0" long x 6" wide x 3" deep spall.	West Fascia, south of PP28 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00145	OPEN



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5	6	Deck	West Fascia, north of PP29 - There is a 1'-0" long x 1'-8" wide x up to 2" deep spall with exposed corroded steel reinforcement.	West Fascia, north of PP29 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00144	OPEN
5	6	Deck	West Fascia, south half between PP29 and PP30 - There are two (2) up to 3'-0" long x 1'-0" wide patches with up to 3" wide x 1 1/2" deep edge spalling/deterioration with random delamination.	West Fascia, south half between PP29 and PP30 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00311	OPEN
5	6	Deck	West Fascia Underside, at B49 between PP48 and PP49 - There are three (3) up to 7" diameter x up to 1" deep spalls.	West Fascia Underside, at B49 between PP48 and PP49 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00314	OPEN
5	6	Deck	West Fascia, at B49 between PP48 and PP49 - There is a 1'-6" long x 6" high x 1 1/2" deep spall with exposed corroded steel reinforcement.	West Fascia, at B49 between PP48 and PP49 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00312	OPEN
5	6	Deck	West Fascia, at PP53 - There is an 11" long x up to 5" high x 1 1/2" deep spall.	West Fascia, at PP83 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00313	OPEN
5	6	Deck	East Fascia, at midpoint between PP34 and PP35, adjacent to Stringer 10 - There is a 2'-0" long x 8" wide x 1" deep spall.	East Fascia, at midpoint between PP34 and PP35, adjacent to Stringer 10 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00320	OPEN



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5	6	Deck	East Fascia, at midpoint between PP36 and PP37, at Stringer 10 - There is a 1'-6" long x 1'-0" wide x 1" deep spall.	East Fascia, at midpoint between PP36 and PP37, at Stringer 10 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00321	OPEN
5	6	Deck	East Fascia, at B56 between PP56 and PP57 - There is a 1'-4" long x full-height (8") x 1" deep spall with exposed corroded steel reinforcement.	East Fascia, at B56 between PP56 and PP57 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00315	OPEN
5	6	Deck	East Fascia, south of B61, between PP60 and PP61 - There is a 2'-3" long x 5" high x 2" deep spall with exposed corroded steel reinforcement.	East Fascia, south of B61, between PP60 and PP61 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00316	OPEN
5	6	Deck	East Fascia, at B61 between PP61 and PP62 - There is a 10" long x 7" high x 1" deep spall with exposed corroded steel reinforcement.	East Fascia, at B61 between PP61 and PP62 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00317	OPEN
5	6	Deck	East Fascia, at B62 between PP61 and PP62 - There is a 4'-0" long x 9" high x up to 3" deep spall.	East Fascia, at B62 between PP61 and PP62 - Remove unsound concrete and patch.	44	2	2023-BCZ472001 (S17-S19)-00318	OPEN
5	6	Deck	East Fascia, at midpoint between PP63 and PP64 - There is a full-width (2'-3") x 1'-6" long area of delamination.	East Fascia, at midpoint between PP63 and PP64 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00319	OPEN



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		58.04 - Railings & Parapets						
5	6	Deck	East and West Parapets, Typical on outside of hangers - The edges of the scupper drains at the base of the parapets have spalls and/or delaminations up to 1'-0" long x 8" high x 2" deep.	East and West Parapets, Typical - Remove unsound concrete and patch the edges of scupper drains.		3	2013-BCZ472001 (S17-S19)-00016	OPEN
5	6	Deck	Typical - There are several reflectors missing throughout the top and interior faces of both parapets.					
5	6	Deck	Typical - There are minor impact scrapes with minor corrosion throughout.					
5	6	Deck	West Parapet, Top of West Face, between PP26 and PP28 - There are nine (9) 1'-0" long x 2" wide x 3" high spalls/delaminations.	West Parapet, Top of West Face, between PP26 and PP28 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00331	OPEN
5	6	Deck	West Parapet, Top Face, 8'-0" south of PP28 - There is a 1'-7" long x 5" wide x 2" deep spall.	West Parapet, Top Face, 8'-0" south of PP28 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00021	OPEN
5	6	Deck	West Parapet, Top Face, at PP29 - There is a 3" long x 10" wide x 1" deep spall.	West Parapet, Top Face, at PP29 - Remove unsound concrete and patch.		3	2013-BCZ472001 (S17-S19)-00156	OPEN



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5	6	Deck	West Parapet, Base of East Face, 3'-0" north of PP30 - There is a 9" diameter x 1/4" deep area of impact damage.			3	2023-BCZ472001 (S17-S19)-00049	OPEN
5	6	Deck	West Parapet, Top of East Face, 2'-0" south of PP33 - There is a 2'-0" long x 1'-0" high x 1/2" deep dent.	West Parapet, East Face, at PP33 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00357	OPEN
5	6	Deck	West Parapet, East Face, at PP33 - There is a 3" diameter x 1/2" deep dent at the top and a 3" diameter area of 100% section loss at the base.	West Parapet, East Face, at the base, at PP33 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00308	OPEN
5	6	Deck	West Parapet, East Face, 5'-0" north of PP61 at scupper - There are two (2) 1'-6" long x 7" high x 2 1/2" deep spalls with exposed corroded steel reinforcement.	West Parapet, East Face, 5'-0" north of PP61 - Remove unsound concrete and patch.	45	3	2017-BCZ472001 (S17-S19)-00018	OPEN
5	6	Deck	West Parapet, East Face, 5'-0" south of PP62 - There is a 1'-7" long x 7" high x 2 3/4" deep spall with exposed corroded steel reinforcement at the north end of the scupper and a 2'-0" long x 8" high x 1" deep spall at the south end of the scupper.	West Parapet, East Face, 5'-0" south of PP62 - Remove unsound concrete and patch.		3	2013-BCZ472001 (S17-S19)-00157	OPEN



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5	6	Deck	West Parapet, Top of East Face, at PP63 - There is a 6" long x 5" high x 6" wide spall with associated hairline cracks with corrosion.	West Parapet, Top of East Face, at PP63 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00332	OPEN
5	6	Deck	West Parapet, Top of West Face, 10'-0" south of PP65 - There is an 8" long x 3" high x 2" wide spall.	West Parapet, Top of West Face, 10'-0" south of PP65 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00333	OPEN
5	6	Deck	East Parapet, Top of East Face, between PP26 and PP29 - There are nine (9) 1'-0" long x 3" high x 2" wide corner spalls.	East Parapet, Top of East Face, between PP26 and PP29 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00334	OPEN
5	6	Deck	East Parapet, Exterior Face, between PP45 and PP46 - There are three (3) supports on the exterior face that exhibit up to 6" high moderate corrosion with laminar corrosion and minor section loss at the bases of the steel parapets.	East Parapet, Exterior Face, between PP45 and PP46 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00148	OPEN
5	6	Deck	East Parapet, West Face, at PP62, 1'-0" from top - There is a 1 3/4" wide x 9" high x 4" deep corner spall.	East Parapet, West Face, at PP62 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00149	OPEN
5	6	Deck	East Parapet, West Face, at PP63 - There is a 3" diameter x 1" deep spall at the top and a 1'-6" long x 7" high x 2" deep spall at the base.	East Parapet, West Face, at PP63 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00003	OPEN



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5	6	Deck	East Parapet, at the top east corner, 10'-0" south of PP65 - There is a 2'-6" long x 4" wide x 1" deep spall.	East Parapet, at the top east corner, 10'-0" south of PP65 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00005	OPEN
		58.05 - Scuppers						
7	7	Deck	No defects noted.					
		58.06 - Median						
7	7	Deck	Concrete medians, between PP25-29 and PP61-65 - There are minor scrapes and patches throughout. There are horizontal hairline cracks 9" from the base with corrosion staining.					
7	7	Deck	Steel medians - There are minor scrapes with minor corrosion staining throughout.					
7	7	Deck	Top Face, 15'-0" north of PP61 - There is a 3'-0" long x full-width area of delamination that extends 4" into the east and west faces with an 8" high x 3" wide x 3" long corner spall.	Top Face, 15'-0" north of PP61 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00040	OPEN
7	7	Deck	West Face, 14'-0" south of PP63 - There is a 1'-0" wide x 1'-6" high x 1" deep spall with exposed corroded steel reinforcement.	West Face, 14'-0" south of PP63 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00150	OPEN



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7	7	Deck	Base of East Face, at PP65 - There is a 1'-0" high x 8" long delamination with 1/8" wide crack.					
		58.07 - Deck Underside						
7	7	Deck	Typical, underneath the median - There are scattered area of minor corrosion and area of cracking with corrosion bleeding through.	Typical, underneath the median - Repair the cracking adjacent to median barrier connection.		3	2010-BCZ472001-00049	OPEN
7	7	Deck	Typical - There are several areas of missing SIP forms and corroded SIP forms with up to 100% section loss, but the exposed concrete is in good condition.					
7	7	Deck	PP29 - PP30, at Floorbeam 29, Bays 1 and 2, SIP Forms - There is a 6" long x full bay width area of heavy corrosion and up to 100% section loss. FY 2023 Inspection: Repair for this defect is not warranted. Repair status changed to CLOSE-CONSULTANT.	PP29 - PP30, at Floorbeam 29, Bays 1 and 2, SIP Forms - Clean and paint. FY 2023 Inspection: Repair for this defect is not warranted. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00263	CLOSE-CONSULTANT



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7	7	Deck	PP35 - PP36, Bay 9, SIP Forms, mid-length - There is a 3'-0" long x 3'-0" wide area of moderate corrosion with several 4" diameter areas of 100% section loss.		46			
7	7	Deck	PP48 - PP49, Bay 2, SIP Forms, mid-length - There is typical corrosion.					
7	7	Deck	PP53-PP54, Bay 1 and 2, SIP Forms, mid-length - There is a 6" long x 1'-0" wide area of severe corrosion with 100% section loss.					
7	7	Deck	PP57 - PP58, Bay 8, SIP Forms, mid-length between Diaphragm and North End - There is a 1'-9" wide x 9" long area of moderate corrosion.					
7	7	Deck	PP57 - PP58, Bay 9, SIP Forms, mid-length - There is a 5'-0" wide x 8" long area of moderate corrosion with 100% section loss. There is isolated up to 1" deep spalling in the exposed concrete.					



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7	7	Deck	PP58 - PP59, Bay 1, SIP Forms - There is up to 100% section loss in the SIP form with a 5" long x 10" wide x 3" deep spall with exposed and corroded steel reinforcement.	PP58 - PP59, Bay 1, SIP Forms - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00344	OPEN
7	7	Deck	PP58 - PP59, Bay 3 at mid-panel, SIP Forms - There is a 1'-2" wide x 7" long area if 100% section loss.					
7	7	Deck	PP59 - PP60, Bay 6, SIP Forms - There is a missing 2'-0" long x full-width SIP form. The exposed deck is in good condition with 1/32" wide map cracking.					
7	7	Deck	PP59 - PP60, Bay 7, SIP Forms - There are two (2) areas of moderate corrosion with 100% section loss (6" diameter x 6" long x 1'-2" wide), each at a 1/4 point along Stringer 8. FY 2023 Inspection: Repair for this defect is not warranted. Repair status changed to CLOSE-CONSULTANT.	PP59 - PP60, Bay 7, SIP Forms - Clean and paint. FY 2023 Inspection: Repair for this defect is not warranted. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00309	CLOSE-CONSULTANT
7	7	Deck	PP59 - PP60, Bay 8, SIP Forms, north half - There are two (2) up to 1'-0" wide x up to 6" long areas of moderate corrosion and 100% section loss.					



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7	7	Deck	PP59 - PP60, Bay 9, SIP Forms, north half - There are two (2) up to 1'-6" wide x 7" long areas of moderate corrosion and 100% section loss.					
		58.08 - Lighting Standards						
5	5	Deck	The Lighting Standards above the bridge parapets were not inspected as they are part of there own inspection. The following defects have been pulled forward from the 2019 Biennial Inspection report so that the defects can be closed.	PP56, West Fascia Platform - Replace the broken light fixture. PP65, West Fascia Platform - Replace the light fixture. PP56, East Fascia Platform - Replace the light fixture. PP65, East Fascia Platform - Replace the light fixture.		3, 3, 3, 3	2013-BCZ472001 (S17-S19)-00006, 2013-BCZ472001 (S17-S19)-00007, 2013-BCZ472001 (S17-S19)-00186, 2013-BCZ472001 (S17-S19)-00187	CLOSE-CONSULTANT
		59.PP 25- PP 26						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 25, Stringer Bearings, Typical - There is moderate corrosion and area of peeling paint with minor laminar corrosion.					



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7	7	Superstructure/Bearings	Floorbeam 25, Stringer 1, Bearing Pad - The bearing pad is split.	Floorbeam 25, Stringer 1, Bearing Pad - Replace the bearing pad.	47	3	2021-BCZ472001(S17-S19)-00257	OPEN
7	7	Superstructure/Bearings	Floorbeam 25, Stringer 3, Bearing Pad - The bearing pad is split.	Floorbeam 25, Stringer 3, Bearing Pad - Replace the bearing pad.		3	2021-BCZ472001(S17-S19)-00258	OPEN
7	7	Superstructure/Bearings	Floorbeam 25, Stringer 9, Bearing Pad - There is uneven compression and splitting of the neoprene bearing pad.	Floorbeam 25, Stringer 9, Bearing Pad - Replace the bearing pad.		3	2023-BCZ472001(S17-S19)-00111	OPEN
7	7	Superstructure/Bearings	Floorbeam 25, Stringer 9, East and West Anchor Bolts - There is up to 10% section loss to the anchor bolts.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	Floorbeam 25 Walkway, Catwalk Channels, under Stringers 1 and 2 - There is minor corrosion and peeling paint.					
7	7	Superstructure/Stringers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 26, South Face, top of the Bottom Flange - There is peeling paint throughout.					
6	6	Superstructure/Truss	Typical - There is minor corrosion forming on the truss connection bolts.					



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6	6	Superstructure/Truss	West Truss, L25-U25, Interior - There are scattered up to 1'-0" wide x 1'-0" high areas of peeling paint with minor corrosion.	West Truss, L25-U25, Interior - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00353	OPEN
6	6	Superstructure/Truss	West Truss, U25-M26, Interior, both web plates - There is a 1'-2" wide x 10" high x up to 1/8" deep area of section loss with paint failure at perforation along interior diaphragm.	West Truss, U25-M26, Interior, both web plates - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00354	OPEN
6	6	Superstructure/Truss	West Truss, L25-M26, Top Handhole at M26 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, L25-M26, Top Handhole at M26 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00059	OPEN
6	6	Superstructure/Truss	East Truss, L25-M26, Top Handhole at M26 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, L25-M26, Top Handhole at M26 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00045	OPEN
6	6	Superstructure/Truss	East Truss, L25-M26, East Face, middle third - There are random up to 9" diameter areas of up to 1/16" deep painted over pitting.					
7	7	Superstructure/Lateral bracing	No defects noted.					



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		59.PP 26- PP 27						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
7	7	Superstructure/Floorbeams	No defects noted.					
7	7	Superstructure/Truss	West Truss, Bottom Chord, L26-L27, handhole at L27 - The handhole cover is broken.	West Truss, Bottom Chord, L26-L27, handhole at L27 - Replace the handhole cover.		3	2021-BCZ472001 (S17-S19)-00259	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, at L27 - Inboard gusset plate has 1/2" thick pack rust and the outboard gusset plate has 3/8" thick pack rust.	West Truss, Bottom Chord, at L27, Inboard and Outboard Gusset - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00112	OPEN
7	7	Superstructure/Truss	East Truss, M26-L27, Top Handhole at M26 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, M26-L27, Top Handhole at M26 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00046	OPEN



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7	7	Superstructure/Truss	East Truss, M26-L27, Top Face, Field Splice Plate, east and west end - There is up to 3/8" pack rust.	East Truss, M26-L27, Top Face, Field Splice Plate, east and west end - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00106	OPEN
7	7	Superstructure/Sway Bracing	Top Sway Brace, at PP27, Bottom Flange - The flange is angled up, creating a ponding area. As a result, there is a full-length x up to 5" high area of up to 3/16" deep painted over pitting.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, L27E-L27W - The flange is angled up, creating a ponding area. As a result, at the middle 45'-0" has a 4" high area of up to 1/8" deep painted over pitting on the web.					
		59.PP 27- PP 28						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 28, Stringer 3 Bearing - There are two (2) bolts that are not fully seated.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 28, North Face - There is a full-length x 5" high area of up to 1/8" deep painted over pitting.					
7	7	Superstructure/Floorbeams	Floorbeam 28, North Face, top of the Bottom Flange - The flange is angled up, creating a ponding area. As a result there is a full-length area of up to 1/8" deep painted over pitting.	Floorbeam 28, North Face, top of the Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00410	OPEN
6	6	Superstructure/Truss	L27W-L27E, connection to the West Truss, connection angle - There is an 8" wide x 3" high area of moderate corrosion with delaminated steel between the top flange and the gusset plate.	L27W-L27E, connection to the West Truss, connection angle - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00260	OPEN
6	6	Superstructure/Truss	East Truss, L27-U27, Interior, First Strut above roadway to L27 - There are 1'-0" diameter areas of peeling paint with minor active corrosion; approximately 65 SF.	East Truss, L27-U27, Interior - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00009	OPEN
6	6	Superstructure/Truss	East Truss, at L27, Inboard Gusset Plate, north and south edges - There is 1/4" pack rust between gusset and lower chord.	East Truss, at L27, Inboard Gusset Plate, north and south edges - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00107	OPEN



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6	6	Superstructure/Truss	East Truss, at L27, Angle Stiffeners on North and South Edges of Inboard and Outboard Gusset Plates - There is minor to moderate corrosion for full-length of connection x up to full-width of stiffener.	East Truss, at L27, Angle Stiffeners on North and South Edges of Inboard and Outboard Gusset Plates - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00355	OPEN
6	6	Superstructure/Truss	East Truss, M28-U27, Top Handhole at M28 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, L29-M28, Top Handhole at M28 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00047	OPEN
6	6	Superstructure/Truss	East Truss, at L28, West Face, Inboard Gusset Plate - There is moderate surface corrosion for up to 15% of the surface area.	East Truss, at L28, Inboard Gusset Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00108	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, south side of FloorBeam 28, Inboard Face at L28 - There are seven (7) nuts with heavy corrosion and delamination.	Lower Lateral Brace, connection to the West Truss, at L28 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00261	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L28 - There is one (1) missing bolt. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the East Truss, at L28 - Replace the missing bolt. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	48	3	2015-BCZ472001 (S17-S19)-00010	CLOSE-CONSULTANT



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		59.PP 28- PP 29						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Joints	PP29 Joint Seal, Southbound Right Shoulder - The northbound joint is open 1 3/4" at 48°F. The southbound joint is open 2 1/2" at 48°F with minor debris accumulation.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	Utilities, under Stringer 4 - The utilities vibrate under live load due to no support.					
6	6	Superstructure/Stringers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 29, west end, bottom of the Bottom Flange - There is a 2'-0" long x full flange width area of 1/4" deep painted over pitting.					



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6	6	Superstructure/Floorbeams	Floorbeam 29, North Face, Longitudinal Stiffeners, Top and Bottom Faces - There is widespread 1/8" deep painted over pitting and numerous isolated areas of 1/4" deep painted over pitting. There is active moderate corrosion and moderate laminar corrosion throughout the entire north face.	Floorbeam 29, North Face, Longitudinal Stiffeners, Top and Bottom Faces - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00081	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 29, bottom of the Bottom Flange, north edge - There is a full-length x up to 6" wide area of moderate corrosion with delaminated rust.	Floorbeam 29, bottom of the Bottom Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00262	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 29, south face, Bay 3 - There is one (1) missing/cut off top flange bolt.	Floorbeam 29, south face, Bay 3 - Replace missing bolt.		3	2023-BCZ472001 (S17-S19)-00356	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 29, north web above longitudinal stiffener and Bottom Flange, Stringer 9 to East Truss - There is a 6" high area of moderate corrosion with paint failure.	Floorbeam 29, north web above longitudinal stiffener and Bottom Flange, Stringer 9 to East Truss - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00113	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 29, bottom face of Bottom Flange, below Stringer 9 - There is a 2'-6" long x 8" wide x up to 1/4" deep area of section loss.	Floorbeam 29, bottom face of Bottom Flange, below Stringer 9 - Analyze, clean and paint.		3	2023-BCZ472001 (S17-S19)-00114	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 29, bottom face of Bottom Flange, below Bay 9 - There is a 7" long x 7" wide x up to 1/16" deep area of section loss.	Floorbeam 29, bottom face of Bottom Flange, below Bay 9 - Analyze, clean and paint.		3	2023-BCZ472001 (S17-S19)-00115	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 29, bottom face of Bottom Flange, East of Stringer 10 - There is a 3'-0" long x 7" wide x up to 1/4" deep area of section loss.	Floorbeam 29, bottom face of Bottom Flange, East of Stringer 10 - Analyze, clean and paint.		3	2023-BCZ472001 (S17-S19)-00116	OPEN
6	6	Superstructure/Truss	West Truss, M28-L29, Top Handhole at M28 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, M28-L29, Top Handhole at M28 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00060	OPEN
6	6	Superstructure/Truss	East Truss, at L28, Angle Stiffeners on North and South Edges of Inboard and Outboard Gusset Plates - There is minor to moderate corrosion for full-length of connection x up to full-width of stiffener.	East Truss, at L28, Angle Stiffeners on North and South Edges of Inboard and Outboard Gusset Plates - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00357	OPEN
6	6	Superstructure/Truss	East Truss, at L29, Inboard Gusset Plate, West Face - There is a 1'-4" wide x 7" high area of 1/16" deep painted over pitting.					



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6	6	Superstructure/Truss	East Truss, M28-L29, Top Handhole at M28 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. There is up to 1/4" pack rust.	East Truss, M28-L29, Top Handhole at M28 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00048	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Roadway Bottom Chord, B28-B29, Handhole at B29, Interior diaphragm - There is a 3" wide x 1" high corrosion hole surrounded by pitting and section loss up to 1/4" and moderate delamination around the edges. Ponding water was present at the time of inspection.	East Truss, Suspended Roadway Bottom Chord, B28-B29, Handhole at B29, Interior diaphragm - Clean, paint and plate the interior diaphragm.		3	2019-BCZ472001 (S17-S19)-00404	OPEN
6	6	Superstructure/Truss	East Truss, at L29, Interior of both Gusset Plates at south end - There is up to 1/4" active pack rust along the vertical stiffener angles.	East Truss, at L29, Interior of both Gusset Plates at south end - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00118	OPEN
7	7	Superstructure/Suspensers	Typical - There are small isolated areas of flaking paint throughout the cables but no corrosion.	Typical - Clean and paint.		3	2011-BCZ472001-00002	OPEN



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7	7	Superstructure/Suspenders	West Truss, at U29, Suspender Cable, North Face - There is a 1'-0" high area of corrosion staining emanating from the pin with minor surface corrosion to the top of the cable below the top socket. The pin nut has peeling paint and minor corrosion on the top and bottom socket.	West Truss, at U29, Suspender Cable, North Face - Clean and paint.	49	3	2010-BCZ472001-00173	OPEN
7	7	Superstructure/Sway Bracing	Bottom Sway Brace strut, connection to the West Truss, at PP29 - There is up to 3/4" painted over pack rust at the seam between the angle connection of the lateral member and truss gusset plates. The corrosion is beginning to reactivate.	Bottom Sway Brace, connection to the East Truss, at PP29, transverse member - Clean, paint and add filler as needed.		3	2015-BCZ472001 (S17-S19)-00012	OPEN
7	7	Superstructure/Sway Bracing	Bottom Sway Brace strut, connection to the East Truss, at PP29 - There is up to 3/8" pack rust at the seam between the angle connection of the lateral member and truss gusset plates	Bottom Sway Brace strut, connection to the West Truss, at PP29 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00112	OPEN
6	6	Superstructure/Lateral bracing	Upper Lateral Bracing, connection to West Gusset Plate, angle between Lower Lateral Connection Plate - There are two misdrilled holes in the leg connected to lateral plate.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L29, Top Connection Plate, North Side - The plate is bowed 1/4" upward.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 28, Bottom Connection Plate, at southwest corner - There is up to 1/2" pack rust causing the the plate to deform downward.	Lower Lateral Brace, center connection at Floorbeam 28, bottom connection plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00407	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, at PP 28, Wind Tongue, west end, Bottom Connection Plate, north edge and top face - There is moderate corrosion and delamination throughout.	Lower Lateral Brace, at PP 28, Wind Tongue, west end, Bottom Connection Plate, north edge and top face - Clean and paint.	50	3	2023-BCZ472001 (S17-S19)-00117	OPEN
		59.PP 29- PP 30						
5	6	Superstructure/Secondary Members	Typical, PP29-PP30 Median Support Diaphragms, Top Flanges - There is a 6" long area of moderate corrosion and section loss.					
5	6	Superstructure/Secondary Members	First Diaphragm from Floorbeam 29, Bays 1, 2, and 3, Top Flange - There is heavy corrosion and 1/8" deep section loss. The bottom flange is similar.	First Diaphragm from Floorbeam 29, Bays 1, 2 and 3, Top Flange - Clean, paint and plate or replace the members.		3	2021-BCZ472001 (S17-S19)-00316	OPEN



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5	6	Superstructure/Secondary Members	First Diaphragm from Floorbeam 29, Bay 2, at mid-length - The web is buckled 5/8" to the north. There is a hairline crack in the top flange for 2 3/4" long and in the web for 3 1/2" long with 1/4" lateral offset of the top flange. There is a 4 1/8" long hairline crack at the top flange and web interface.	First Diaphragm from Floorbeam 29, Bay 2, at mid-length - Remove and replace buckled/cracked diaphragm member in kind.	51, 52	1	2023-BCZ472001 (S17-S19)-00386	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
5	5	Superstructure/Bearings	Floorbeam 29, Stringer Bearings, North Face, Typical - There is moderate corrosion with moderate corrosion staining, paint failure and minor laminar corrosion. The joint makes a loud banging noise under live load.	Floorbeam 29, Stringer Bearings, North Face, Typical - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00082	OPEN
5	5	Superstructure/Bearings	Floorbeam 29, Stringer 4-10 Bearings, Typical - The bearing anchor bolts exhibit up to 5% section loss and minor laminar corrosion.	Floorbeam 29, Stringer 4-10 Bearings - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00083	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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6	6	Superstructure/Stringers	Floorbeam 29, Stringers - The stringers vibrate under live load and bang against the bearing pedestals.	Floorbeam 29, Stringers - Shim bearings.		3	2023-BCZ472001 (S17-S19)-00358	OPEN
6	6	Superstructure/Stringers	Floorbeam 29, Stringers, Typical - There is minor corrosion and rust staining around the diaphragm connections and minor corrosion with minor delamination on web and bottom flange.	Floorbeam 29, Stringers, Typical - Clean and paint around diaphragm connections.		3	2019-BCZ472001 (S17-S19)-00110	OPEN
6	6	Superstructure/Stringers	Floorbeam 29, Stringer 6, first median diaphragm north of Floorbeam 29 - The connection bolts appear to have been replaced with weathering steel bolts.					
6	6	Superstructure/Stringers	Floorbeam 29, Stringers 5, 6, 9, and 10 Bottom Flanges - There is up to 3'-0" long x up to full-width area of moderate corrosion with paint failure and minor laminar corrosion.	Floorbeam 29, Stringers 5, 6, 9, and 10 Bottom Flanges - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00138	OPEN
6	7	Superstructure/Floorbeams	Floorbeam 29, North Face, Top Flange - There are four (4) joint armor bolts missing in Bay 1, two (2) in Bay 3, two (2) in Bay 4, four (4) in Bay 6, two (2) in Bay 7, and one (1) in Bay 8.	Floorbeam 29, North Face, Top Flange - Replace the missing bolts.	53	3	2013-BCZ472001 (S17-S19)-00087	OPEN



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6	7	Superstructure/Floorbeams	Floorbeam 29, North Face, Stringer 1 - The east anchor bolt is half missing/100% section loss.					
6	7	Superstructure/Floorbeams	Floorbeam 30, North Face, west end, web and top of the Bottom Flange - There is a 3'-6" long x 6" high area of heavy surface corrosion with laminar corrosion.	Floorbeam 30, North Face, west end, web and top of the Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00109	OPEN
6	7	Superstructure/Floorbeams	Floorbeam 30, south web, east end, and bottom flange - There is a 1'-6" long x 1'-0" high x full-width of bottom flange top face area of moderate corrosion and paint failure.	Floorbeam 30, south web, east end, and bottom flange - Clean and paint.	54	3	2023-BCZ472001 (S17-S19)-00119	OPEN
6	7	Superstructure/Floorbeams	Floorbeam 30, Stringer 8 - The west anchor bolt is loose.					
6	6	Superstructure/Truss	West Truss, U29-L29, Top of Web, Second Strut from Top - There is minor surface corrosion.					
6	6	Superstructure/Truss	West Truss, at L29, Inboard Gusset Plate, Exterior - There is a 2'-0" wide x 3'-0" high area of minor corrosion with paint failure.	West Truss, at L29, Inboard Gusset Plate, Exterior - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00360	OPEN



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6	6	Superstructure/Truss	West Truss, Suspended Bottom Chord, B29-B30, at the Field Splice with pin - There is corrosion and the bottom chord segments are misaligned up to 1/2" vertically at the splice and vibrate under live load.	West Truss, Suspended Bottom Chord, B29-B30, at the Field Splice with pin - Clean and paint.	55	3	2019-BCZ472001 (S17-S19)-00113	OPEN
6	6	Superstructure/Truss	West Truss, Suspended Bottom Chord, B29-B30, at B29 - The bird screen is detached shifted south inside bottom chord.	West Truss, Suspended Bottom Chord, B29-B30, at B29 - Replace the bird screen.	56	3	2021-BCZ472001 (S17-S19)-00331	OPEN
6	6	Superstructure/Truss	West Truss, Underside of Diagonal, U29-M30, North Face - There is an area of 2" thick laminations at the top portal.	West Truss, Underside of Diagonal, U29-M30, North Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00359	OPEN
6	6	Superstructure/Truss	East Truss, Upper Chord, U29-U31, at U29, Bottom Flange - There is a 1'-0" long x 6" wide x bent 1/2" downward bulge near the vertical along the east edge of plate.					
6	6	Superstructure/Truss	East Truss, Handhole at U29 - Handhole screen in stuck in closed position.					



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6	6	Superstructure/Truss	East Truss, U29-M30, Top Handhole at U29 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, U29-M30, Top Handhole at U29 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00049	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, L29-M30, Second Handhole from the top at M30 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	East Truss, L29-M30, Second Handhole from the top at M30 - Clean and paint and replace the drain apron. East Truss, L29-M30, Second Handhole from the top at M30 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00487	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, L29-U29, connection to Bottom Sway Brace strut - There is up to 3/8" pack rust at the seam between the angle connection of the lateral member and truss gusset plates	East Truss, L29-U29, connection to Bottom Sway Brace strut - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00139	OPEN



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6	6	Superstructure/Truss	East Truss, L29-U29, Interior, North Face - There are 1'-0" diameter areas of paint failure.	East Truss, L29-U29, Interior, North Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00361	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L29-L30, Top Face - There is minor corrosion.	East Truss, Bottom Chord, L29-L30, Top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00111	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L29-L30, at L29 - The bottom chord vibrates under live load at the pinned connection.					
6	6	Superstructure/Truss	East Truss, Suspended Bottom Chord, B29-B30, wet face, at the Field Splice with pin - There is a 6'-0" long x up to 3" high area of minor corrosion at the field splice and a 1'-6" long x full-width area of minor corrosion the interior bottom face of the bottom chord.	East Truss, Suspended Bottom Chord, B29-B30, at the Field Splice with pin - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00114	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Bottom Chord, B29-B30, just north of B29 - The pin at the field splice exhibits moderate corrosion, mainly on the washer and nut on the west side of the connection. The washer is loose and vibrates under live load.	East Truss, Suspended Bottom Chord, B29-B30, just north of B29 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00016	OPEN



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6	6	Superstructure/Truss	East Truss, Suspended Bottom Chord, B29-B30, near B30, West, Top and Bottom Faces - There is heavy corrosion, paint failure up to 6'-0" long x full-width x full-height and corrosion staining with up to 1/16" deep section loss.	East Truss, Suspended Bottom Chord, B29-B30, near B30, Top and Bottom Faces - Clean and paint.	57	3	2021-BCZ472001 (S17-S19)-00264	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Bottom Chord, B29-B30, at B29 - The handhole screen is not in place.	East Truss, Suspended Bottom Chord, B29-B30, at B29 - Replace handhole screen.		3	2023-BCZ472001 (S17-S19)-00084	OPEN
6	6	Superstructure/Suspenders	West Truss, at PP30, Suspender Cable - There is minor surface corrosion at the top of the cable below the top socket.	West Truss, at PP30, Suspender Cable - Clean and paint.		3	2010-BCZ472001-00170	OPEN
6	6	Superstructure/Suspenders	West Truss, at PP30, Upper Pin, North Side - There is 3/16" pack rust between the hanger and the plate, and there is a 1/8" gap between the pin and the hanger.	West Truss, at PP30, Upper Pin, North Side - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00115	OPEN
6	6	Superstructure/Suspenders	East Truss, at PP30, Suspender Cable, Lower Pin, North Side - There is a 1/8" gap at base of the pin nut and minor surface corrosion.	East Truss, at PP30, Suspender Cable, Lower Pin, North Side - Clean and paint. Tighten the pin nut.		3	2013-BCZ472001 (S17-S19)-00204	OPEN



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6	6	Superstructure/Suspenders	East Truss, at PP29, Suspender Cable, Lower Pin, North Side - There is a 1/8" gap at base of the pin nut and minor surface corrosion. There is moderate surface corrosion on the top and bottom at the east.	East Truss, at PP29, Suspender Cable, Lower Pin, North Side - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00362	OPEN
7	7	Superstructure/Lateral bracing	Upper Lateral Bracing, U29E to U31W - There is pack rust between diagonal bracing members and lower connection plate.	Upper Lateral Bracing, U29E to U31W - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00364	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, at Floorbeam 29, north side of the Shear Key - There is failing paint with heavy surface corrosion and laminar corrosion on all plates and up to 3/16" deep pitting. There is moderate debris accumulation on top of the Shear Key at this location.	Lower Lateral Brace, at Floorbeam 29, north side of the Shear Key - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00116	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 29, at the Shear Tongue - The members are deformed. FY 2023 Inspection: This defect was not observed. Repair status chngaged to CLOSE-CONSULTANT.	Lower Lateral Brace, center connection at Floorbeam 29, at the Shear Tongue - Retrofit/replace the deformed members. FY 2023 Inspection: This defect was not observed. Repair status chngaged to CLOSE-CONSULTANT.		3	2010-BCZ472001-00168	CLOSE-CONSULTANT



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the Suspended Bottom Chord, at B30, South Face, Bottom Flange - There is active moderate corrosion throughout the top and bottom plates with moderate laminar corrosion on the east truss and a 10" long x 5" wide area of active moderate corrosion on the west truss.	Lower Lateral Brace, connection to the Suspended Bottom Chord, at B30, South Face, Bottom Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00265	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, East Diagonal, Bottom Flange, Top face - There is a 27'-0" long area of moderate corrosion.	Lower Lateral Brace, East Diagonal, Bottom Flange, Top face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00363	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, East Diagonal, Top Flange, Top face - There is a 4'-0" area of paint failure.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, East Diagonal, east face, Web - There is a 27'-0" long x 4" wide area of minor laminar corrosion.	Lower Lateral Brace, East Diagonal, east face, Web - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00137	OPEN
		59.PP 30- PP 31						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					



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6	6	Superstructure/Secondary Members	PP31, Second Median Diaphragm Channel from PP31, Top Flange - There is a 2'-0" long area of knife edging.	PP31, Second Median Diaphragm Channel from PP31, Top Flange - Replace the member or clean, paint, and plate.		3	2019-BCZ472001 (S17-S19)-00117	OPEN
6	6	Superstructure/Secondary Members	PP31, Fourth Median Diaphragm Channel from PP31, Top Flange - There is a 2'-6" long area of knife edging.	PP31, Fourth Median Diaphragm Channel from PP31, Top Flange - Replace the member or clean, paint, and plate.	58	3	2019-BCZ472001 (S17-S19)-00118	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 31, North Face, Mid-length, Web, at Bottom - There is a 3" high x 4'-0" long area of moderate corrosion with bubbling paint.	Floorbeam 31, North Face, Mid-length, Web, at Bottom - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00394	OPEN
7	7	Superstructure/Truss	West Truss, L31-U31, Interior - There are several isolated areas of peeling paint and minor corrosion up to 2'-0" high x full-width.	West Truss, L31-U31, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00486	OPEN



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7	7	Superstructure/Truss	West Truss, at L30, Outboard Gusset Plate, Exterior - There is minor corrosion with paint failure on 12 bolts along lower row.					
7	7	Superstructure/Truss	West Truss, at B31, Outboard Connection Plate - The plate is bowed 1/4" due to pack rust.	West Truss, at B31, Outboard Connection Plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00315	OPEN
7	7	Superstructure/Truss	East Truss, Outboard Gusset Plate, at PP31 - There is a 2" high x full-width area of pack rust that bends bottom of plate out 1/4".	East Truss, Outboard Gusset Plate, at PP3 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00141	OPEN
7	7	Superstructure/Truss	East Truss, at U31, Sway Brace Connection Plate - There is a 1'-4" wide x 9" high area of up to 1/8" deep pitting on the north face of plate.					
7	7	Superstructure/Truss	East Truss, at U31, Bottom of Top Plate - There is paint failure with surface corrosion. There is surface corrosion on the bottom of the splice plate at top chord.					



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7	7	Superstructure/Truss	East Truss, M30-L31, Second from Top Handhole at M30 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, M30-L31, Top Handhole at M30 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00050	OPEN
7	7	Superstructure/Truss	East Truss, L31-U31, Interior - There is scattered paint failure with surface corrosion.	East Truss, L31-U31, Interior - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00395	OPEN
7	7	Superstructure/Suspenders	West Truss, at PP31, Top Hanger, South Face - There is minor corrosion on the bottom half and a 1/8" gap between the hanger and pin due to pack rust on bottom half.	West Truss, at PP31, Top Hanger, South Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00406	OPEN
7	7	Superstructure/Suspenders	East Truss, at PP31, Suspender Cable, East Face, 2'-0" from the Top Hanger - There is a 1'-0" high x 2" wide area of missing paint.					
7	7	Superstructure/Lateral bracing	PP30, Wind Shear Tongue above the roadway, Bottom Gusset Plate, Northeast and Northwest Corners - There are 3/8" gaps from cleaned out pack rust. NOT VISUALLY INSPECTED IN 2023.					



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 30, Bottom Connection Plate - There are ten (10) bolt/nuts in place but heads on top face are cut off. Possibly from a fabrication mistake.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at PP31, Bottom Connection Plate - There is up to 3/16" pack rust. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, center connection at PP31, Bottom Connection Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00125	CLOSE-CONSULTANT
7	7	Superstructure/Lateral bracing	Lower Lateral Bracing, L30E-L30W, connection plate at L30W - There is 3/16" pack rust for full-length of south edge.	Lower Lateral Bracing, L30E-L30W, connection plate at L30W - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00140	OPEN
		59.PP 31- PP 32						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					



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6	6	Superstructure/Secondary Members	PP32, Median Support Diaphragm, Top Flange - The first, second, third, fourth, sixth, seventh and eighth median diaphragm channels have knife edging for approximately 1/4 of the length. The 5th median diaphragm channel has knife edging on the top flange for approximately 1/2 the length.	PP32, Median Support Diaphragm, Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00120	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 32, North Face, Mid-length, Web, at Bottom - There is a 3" high x 4'-0" long area of moderate corrosion with bubbling paint.	Floorbeam 32, North Face, Mid-length, Web, at Bottom - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00142	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 32, in Bay 5, Top Flange - There is moderate corrosion beneath the median.	Floorbeam 32, in Bay 5, Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00121	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 32, South Face, east end, Web and Top Faces of Bottom Flange, within 2'-8" of connection - There is moderate corrosion and paint failure at the connection to the lower lateral bracing.	Floorbeam 32, South Face, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00122	OPEN
7	7	Superstructure/Truss	West Truss, U31-M32, Top Handhole at U31 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, U31-M32, Top Handhole at U31 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00314	OPEN
7	7	Superstructure/Truss	East Truss, U31-U33, handhole at U33 - The handhole is open.					
7	7	Superstructure/Truss	East Truss, Handhole Portal, at B32 - There is minor laminar corrosion around the edges and one (1) corroded off screen connection bolt/nut.			3	2023-BCZ472001 (S17-S19)-00085	OPEN
6	6	Superstructure/Suspenders	West Truss, PP32, Suspender Cable, Upper Pin - There is 1/8" pack rust at the base of the pin head on the north side. There is a 5/16" gap between the pin and the nut on the south side.	West Truss, PP32, Suspender Cable, Upper Pin - Clean and paint. FY 2021 Inspection: Repair status downgraded to Medium (3) from the previous High Priority (2) rating.		3	2013-BCZ472001 (S17-S19)-00201	OPEN



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6	6	Superstructure/Suspenders	West Truss, PP32, Suspender Cable, 2'-0" above the Bottom Socket - One (1) strand is slightly misaligned.					
6	6	Superstructure/Suspenders	West Truss, PP32, Suspender Cable, Lower Pin - There is a 1/4" gap with minor corrosion at the base of the nut.	West Truss, PP32, Suspender Cable, Lower Pin - Clean and paint. Tighten the nut.		3	2013-BCZ472001 (S17-S19)-00200	OPEN
6	6	Superstructure/Suspenders	East Truss, PP32, Suspender Cable, Top Hanger - There is a 7/16" wide gap between the bolt head and suspender.		59			
6	6	Superstructure/Suspenders	East Truss, Suspender at B32 - There is multiple bulging strands along the full-height of cable.					
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 31, south edge, Bottom Connection Plate - The plate up to full-width (4'-6" long) of connection x 2" wide is warped 1/2" near the floorbeam due to pack rust.	Suspended Roadway Lateral Brace, center connection at Floorbeam 31, Bottom Connection Plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00127	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, L32E-L32W, West Half, Bottom of Bottom Flange - There is paint failure and minor corrosion.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, West Truss, Connection to L32, Top Face of Top Plate - There is moderate corrosion and laminar corrosion along the edges.	Lower Lateral Brace, West Truss, Connection to L32, Top Face of Top Plate - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00143	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L31, Top Connection Plate, west edge - The plate is bowed upward 1/4".					
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B32, Top Connection Plate - There is paint failure and moderate corrosion with minor section loss and minor debris accumulation.	Suspended Roadway Lateral Brace, connection to the East Truss, at B32, Top Connection Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00126	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, East Truss, Bottom and Top Face of Top Flange, at B32 - There is a 4'-6" long x up to full-width area of moderate corrosion and paint failure.	Lower Lateral Brace, East Truss, Bottom and Top Face of Top Flange, at B32 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00144	OPEN
		59.PP 32- PP 33						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					



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6	6	Superstructure/Secondary Members	Median Support Diaphragms, Top Flange - The first, second, third, and sixth median diaphragm channels from PP33 have up to 1'-6" long areas of knife edging.	Median Support Diaphragms, Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00008	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
5	5	Superstructure/Joints	PP33 Joint Seal - The northbound joint is open 1 1/2" at 48°F. The southbound joint is open 2 3/8" at 48°F.					
5	5	Superstructure/Joints	PP33 Northbound and Southbound Joint - The wearing surface is 1/2" higher than the joint.					
5	5	Superstructure/Joints	PP33 Northbound Joint Seal - Joint seal is bulging and torn throughout.	PP33 Northbound Joint Seal - Replace the bulging and torn joint seal.	60	3	2023-BCZ472001 (S17-S19)-00411	OPEN
5	5	Superstructure/Joints	PP33 Southbound Joint Seal, Right Lane, Right Wheel Line - There is a 2'-0" long tear.	PP33 Strip Seal, Southbound Right Lane, Right Wheel Line - Replace the torn portion of the seal.	61	2	2021-BCZ472001 (S17-S19)-00317	OPEN
5	5	Superstructure/Joints	PP33 Southbound Joint Seal, at Centerline - There is a 2'-0" long tear.	PP33 Seal, Southbound, at Centerline - Replace the torn portion of the seal.		3	2023-BCZ472001 (S17-S19)-00365	OPEN
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					



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7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringer 9, bottom of the Bottom Flange - There is an 8'-0" long area of freckled rust extending from Floorbeam 33.	Stringer 9, bottom of the Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00128	OPEN
7	7	Superstructure/Stringers	Floorbeam 33, Stringer 5 and 6, Web - There is moderate corrosion. There is intermittent corrosion and laminar corrosion on the half of Stringer 5 on the bottom flange.	Floorbeam 33, Stringer 5 bottom flange, Stringer 5 and 6 web - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00366	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 32, Vertical Stiffener Connection to Bottom Chord - There is one (1) sheared bolt.	Floorbeam 32, Vertical Stiffener Connection to Bottom Chord - Replace sheared bolt.		3	2023-BCZ472001 (S17-S19)-00367	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 33, bottom of the Bottom Flange, west end - There is a 2'-3" long x 1'-0" wide area of heavy surface corrosion and laminar corrosion with no section loss noted.	Floorbeam 33, bottom of the Bottom Flange, west end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00135	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 33, North Web - There is a 2'-0" long x 9" wide area of heavy surface corrosion and laminar corrosion with no section loss noted.	Floorbeam 33, North Web - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00145	OPEN



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5	5	Superstructure/Floorbeams	Floorbeam 33, North Face, bottom of Top Flange - There is one (1) missing bolt at Bay 4 and one (1) missing bolt in Bay 7.	Floorbeam 33, North Face, bottom of Top Flange - Replace the missing bolts.		3	2013-BCZ472001 (S17-S19)-00088	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 33, bottom of Bottom Flange, Bay 5 - There is a 4'-0" long x 10" wide area of up to 1/8" deep painted over pitting.					
5	5	Superstructure/Floorbeams	Floorbeam 33, top of the Bottom Flange, Bay 6, north side - There is a 1'-0" long x 5" wide x up to 1/4" deep area of painted over pitting.		62			
5	5	Superstructure/Floorbeams	Floorbeam 33, top of the Top Flange, west end and in Bay 5 - There is moderate corrosion.	Floorbeam 33, top of the Top Flange, west end and in Bay 5 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00129	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 33, South Face, east end - There is moderate corrosion with paint failure at the connection to the lower lateral brace.	Floorbeam 33, South Face, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00130	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 33, South Web - There is a 2'-4" long x 9" high area of moderate corrosion with paint failure.	Floorbeam 33, South Web - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00147	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 33, South Side of the Top Flange - There is an up to full-width area of moderate corrosion with paint failure.	Floorbeam 33, South Side of the Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00148	OPEN



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6	6	Superstructure/Truss	West Truss, U33-L33, North Side Interior - There is a full-height area of paint failure and active surface corrosion.	West Truss, L33-U33, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00136	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L32-L33, Handhole at L33 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, Bottom Chord, L32-L33, Handhole at L33 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00313	OPEN
6	6	Superstructure/Truss	West Truss, Handhole at L32 - There is one (1) bolt not attached to the screen.					
6	6	Superstructure/Truss	West Truss, Suspended Bottom Chord, Field Splice at B32 Bottom Splice Plate - There is 3/8" pack rust.	West Truss, Suspended Bottom Chord, Field Splice at B33, Bottom Splice Plate - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00060	OPEN
6	6	Superstructure/Truss	West Truss, Suspended Bottom Chord, B32-B33, handhole at B33 - There is a full-length area of corrosion staining extending from the handhole. FY 2023 Inspection: This defect was not observed.					
6	6	Superstructure/Truss	East Truss, M32-L33, Field Splice at M32, North Splice Plate - There is a 1/2" bend in the splice due to pack rust.	East Truss, M32-L33, Field Splice at M32, North Splice Plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00131	OPEN



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6	6	Superstructure/Truss	East Truss, M32-L33, Top Handhole at M32 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, M32-L33, Top Handhole at M32 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00051	OPEN
6	6	Superstructure/Truss	East Truss L33-U33, East Face - There is widespread paint failure and active corrosion.					
6	6	Superstructure/Truss	East Truss, Outboard Gusset Plate, at B33 - There is a full-width x 2" high pack rust that bends plate out 1/4" at the bottom.	East Truss, Outboard Gusset Plate, at B33 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00086	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, East and West sides of Splice along bottom edge, at B32 - There is a 1'-0" long x 3" wide area of moderate corrosion with paint failure and minor laminar corrosion.	East Truss, Bottom Chord, East and West sides of Splice along bottom edge, at B32 - Clean and paint.	63	3	2023-BCZ472001 (S17-S19)-00152	OPEN
7	7	Superstructure/Suspenders	East Truss, at B33, Lower Hanger, south side of pin - There is moderate corrosion between hanger and floorbeam.	East Truss, at B33, Lower Hanger, south side of pin - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00151	OPEN
7	7	Superstructure/Suspenders	East Truss, at PP33, Upper Hanger - There is a 3/16" wide gap between the bolt head and suspender and between the nut and suspender.					



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7	7	Superstructure/Sway Bracing	No defects noted.					
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, L32W-L32E, North Face, Web and Bottom Flange - There is a full-length of up to 1/8" painted over pitting. Corrosion is beginning to reactivate at the center gusset.	Lower Lateral Bracing, L32W-L32E, North Face, Web and Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00132	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, center connection at L33W-L33E, Top Connection Plate, east edge - The plate is bowed downward 3/4" over a 3" length due to pack rust.	Lower Lateral Bracing, center connection at L33W-L33E, Top Connection Plate, east edge - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00138	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, top connection plate to East Truss, at B33 - There is heavy corrosion with paint failure and moderate laminar corrosion and minor section loss.	Lower Lateral Bracing, top connection plate to East Truss, at B33 - Clean and paint.	64	3	2023-BCZ472001 (S17-S19)-00149	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, East Truss Diagonal, top face of Top Flange, at B33 - There is a 3'-0" long x up to full-width moderate corrosion with paint failure.	Lower Lateral Bracing, East Truss Diagonal, top face of Top Flange, at B33 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00150	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, connection to the East Truss, at L33, Top and Bottom Connection Plates - There is heavy surface corrosion with up to 1/16" section loss.	Lower Lateral Bracing, connection to the East Truss, at L33, Top and Bottom Connection Plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00133	OPEN
		59.PP 33- PP 34						
6	6	Superstructure/Secondary Members	First Median Support Diaphragm from Floorbeam 33, Top Flange - There is moderate corrosion.	First Median Support Diaphragm from Floorbeam 33, Top Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00267	OPEN
6	6	Superstructure/Secondary Members	Third and Fourth Median Support Diaphragm from Floorbeam 33, Top Flange - There is minor corrosion.	Third Median Support Diaphragm from Floorbeam 33, Top Flange - Clean and paint.		3	2017-BCZ472001 (S17-S19)-00046	OPEN
6	6	Superstructure/Secondary Members	Seventh Median Support Diaphragm from Floorbeam 33, Top Flange - There is a 2'-6" long area of moderate corrosion.	Seventh Median Support Diaphragm from Floorbeam 33, Top Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00268	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 33, Stringer 5 and 6 Bearing, North Face - There is moderate delamination and surface corrosion to the plates and bolts.	Floorbeam 33, Stringer 5 Bearing, North Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00134	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/St ringers	Floorbeam 33, Stringer 5, Diaphragm Connection Bolts, West Face - There is minor corrosion on the connection bolt nuts and threaded ends.					
6	6	Superstructure/FI oorbeams	Floorbeam 33, north side of Top Face, in Bay 6 - There is a 1'-0" long x 5" wide x up to 0.34" deep area of section loss.	Floorbeam 33, north side of Top Face, in Bay 6 - Analyze, clean and paint.		3	2023- BCZ472001 (S17-S19)- 00153	OPEN
6	6	Superstructure/FI oorbeams	Floorbeam 33, north side of Top Flange, in Bay 7 - There is one missing bolt.	Floorbeam 33, north side of Top Flange, in Bay 7 - Replace missing bolt.		3	2023- BCZ472001 (S17-S19)- 00368	OPEN
6	6	Superstructure/FI oorbeams	Floorbeam 33, bottom face of Bottom Flange, below Bay 9 - There is a 6" diameter area of moderate corrosion.	Floorbeam 33, bottom face of Bottom Flange, below Bay 9 - Clean and Paint.		3	2023- BCZ472001 (S17-S19)- 00154	OPEN
6	6	Superstructure/FI oorbeams	Floorbeam 34, top and bottom face of Bottom Flange, west end - There is a 3'-3" long x 4" wide area of heavy surface corrosion with laminar corrosion.	Floorbeam 34, Bottom Flange, west end - Clean and paint.		3	2019- BCZ472001 (S17-S19)- 00140	OPEN
6	6	Superstructure/FI oorbeams	Floorbeam 34, north face of Web - There is a 2'-0" long x up to 6" high area of heavy surface corrosion with laminar corrosion.	Floorbeam 34, north face of Web - Clean and paint.		3	2023- BCZ472001 (S17-S19)- 00155	OPEN
6	6	Superstructure/Tr uss	East Truss, U33-U35, handhole at U33 - The handhole is open.					



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6	6	Superstructure/Truss	East Truss, L33-M34, Second Handhole at M34 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	East Truss, L33-M34, Second Handhole at M34 - Clean and paint. Replace the drain apron. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00488	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, Bottom Chord, L33-L34, at L34, Interior - There is minor corrosion for a 4'-0" length.	East Truss, Bottom Chord, L33-L34, at L34, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00489	OPEN
7	7	Superstructure/Suspenders	East Truss, Upper Hanger, at PP34 - There is a 1/4" gap between the bolt head and suspender.					
7	7	Superstructure/Suspenders	West Truss, Upper Hanger, South Side, at PP34 - There is a 3/16" gap between the pin and yoke, due to pack rust.	West Truss, Upper Hanger, South Side, at PP34 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00369	OPEN
7	7	Superstructure/Suspenders	West Truss, Upper Hanger, North Side, at PP34 - There is a 1/8" gap between the nut and yoke, due to pack rust.	West Truss, Upper Hanger, North Side, at PP34 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00370	OPEN
7	6	Superstructure/Lateral bracing	Lower Lateral Bracing, connection to Floorbeam 33 - There is heavy debris and sediment accumulation.					



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7	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 33, Top and Bottom Connection Plates - There is failing paint with heavy surface corrosion for 40% of the surface area.	Suspended Roadway Lateral Brace, center connection at Floorbeam 33, Top and Bottom Connection Plates - Clean and plate.		3	2019-BCZ472001 (S17-S19)-00137	OPEN
7	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss, at B34, Top and Bottom Connection Plates - There is heavy debris on the Top Connection Plate and minor debris and corrosion on the Bottom Connection Plate.	Suspended Roadway Lateral Brace, connection to the West Truss, at B34, Top and Bottom Connection Plates - Remove debris. Clean and paint.		3	2013-BCZ472001 (S17-S19)-00160	OPEN
		59.PP 34- PP 35						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
6	6	Superstructure/Secondary Members	Fourth, Fifth, Sixth and Seventh Median Support Diaphragms from Floorbeam 35, Top Flange - There is moderate corrosion with up to 1/16" section loss for 1/2 the length.	Fourth, Fifth, Sixth and Seventh Median Support Diaphragms from Floorbeam 35, Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00159	OPEN



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6	6	Superstructure/Secondary Members	Eighth Median Support Diaphragm from Floorbeam 35 - There is moderate corrosion with up to 1/16" section loss for 1/2 the length.	Eighth Median Support Diaphragm from Floorbeam 35 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00139	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 35, North Face, top and bottom of the Bottom Flange and web, east end - There is a 4'-3" long x up to 10" high area of moderate corrosion and paint failure with active moderate laminar corrosion.	Floorbeam 35, North Face, top of the Bottom Flange and web, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00142	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 35, bottom face of Bottom Flange, west end - There is a 2'-6" long x 3" wide area of moderate corrosion with paint failure.	Floorbeam 35, bottom face of Bottom Flange, west end - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00156	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 35, north and south side of Top Flange, south side of Bottom Flange, Bay 5 - There is intermittent moderate corrosion and paint failure with laminar corrosion.	Floorbeam 35, north and south side of Top Flange, Bay 5 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00157	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 35, west end, Vertical Plate, Exterior Face of Bottom of Chord at B35 - There is 3/8" pack rust causing the bottom of plate to bow out.	Floorbeam 35, west end, Vertical Plate, Exterior Face of Bottom of Chord at B35 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00158	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, at B35, Bottom and Interior Plate - There is a 1'-6" long x 5" high x 5" wide area of moderate corrosion with paint failure and laminar corrosion.	West Truss, Bottom Chord, at B35, Bottom and Interior Plate - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00160	OPEN
7	7	Superstructure/Suspenders	West Truss, PP35, Upper Hanger, South Side - There are scrapes with minor corrosion.	West Truss, PP35, Upper Hanger, South Side - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00464	OPEN
7	7	Superstructure/Suspenders	West Truss, PP35, Upper Hanger, North Side - There is an 1/8" gap between the pin head and yoke.					
7	7	Superstructure/Suspenders	West Truss, PP35, South Side, at Bottom Pin - There is a 1/4" gap at pin nut.					
7	7	Superstructure/Suspenders	East Truss, PP35, Upper Hanger - There is a 3/16" gap between the nut and suspender,					



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7	7	Superstructure/Suspenders	East Truss, Lower Hanger, at B35 - There us minor corrosion and paint failure.					
7	7	Superstructure/Sway Bracing	No defects noted.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, L35W-L35E, top of the Top Flange, west half - There are 1 1/2" long x full-width bands of light surface corrosion/scarring at approximately 2'-6" spacing (remnant of painters rigging). This is typical at many locations.					
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, between the center of Floorbeam 34 to B35, along the north half - There is intermittent corrosion on the bottom flange with random paint failure.					
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, center of Floorbeam 34, Top Plate - There is minor laminar corrosion on bolt heads.					
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, East Diagonal, Top Flange and Bottom Flange, in the North 15'-0" - There is frecked corrosion.					



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss, at B35, Bottom Connection Plate - There is 3/4" pack rust for 4" long between the flange and connection plate that bows up at the corner.	Suspended Roadway Lateral Brace, connection to the West Truss, at B35, Bottom Connection Plate - Clean, paint and add filler as needed.	65	3	2021-BCZ472001 (S17-S19)-00269	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss, at B35, top of the Bottom Flange - There is paint failure and active corrosion for 25% of the length.	Suspended Roadway Lateral Brace, connection to the West Truss, at B35, top of the Bottom Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00270	OPEN
		59.PP 35- PP 36						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
6	6	Superstructure/Secondary Members	Second Median Diaphragm from Floorbeam 36, Top Flange - There is moderate corrosion with up to 0.1" section loss for 1/4 the length.	Second Median Diaphragm from Floorbeam 36, Top Flange - Replace the member or clean and paint.		3	2019-BCZ472001 (S17-S19)-00141	OPEN
6	6	Superstructure/Secondary Members	First Median Diaphragm from Floorbeam 36, Top Flange - There is moderate corrosion.	First Median Diaphragm from Floorbeam 36, Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00371	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					



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7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stairways	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 36, Bay 5, Top, Bottom, and Edge of Top Flange, north and south side - There are four (4) 1'-0" areas of moderate corrosion and paint failure.	Floorbeam 36, Bay 5, Top, Bottom, and Edge of Top Flange, north and south side - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00161	OPEN
7	7	Superstructure/Truss	West Truss, Suspended Bottom Chord, B35-B36, at B36, Interior Plate, Exterior Face - There is a full-height x 4" wide area of moderate corrosion.	West Truss, Suspended Bottom Chord, B35-B36, at B36, Interior - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00271	OPEN
7	7	Superstructure/Truss	West Truss, at B35, Outboard Gusset Plate - The gusset plate is bent outward 3/8" due to pack rust.	West Truss, at B35, Outboard Gusset Plate - Clean, paint and add filler as needed.		3	2015-BCZ472001 (S17-S19)-00035	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord at B36, South of Splice - The handhole exhibits a 1'-0" wide x 2" long area of moderate corrosion and paint failure with minor laminar corrosion.	West Truss, Bottom Chord at B36, South of Splice - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00164	OPEN



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7	7	Superstructure/Truss	East Truss, at U35, Inboard Gusset Plate, exterior face - There is up to 1/16" deep painted over pitting. There is minor corrosion with paint failure on the interior face of the inboard gusset plate above the vertical.					
7	7	Superstructure/Truss	East Truss, U35-M36, at Handhole - There is debris build up with corrosion bleeding.					
7	7	Superstructure/Truss	East Truss, at B35, Outboard Gusset Plate, bottom edge - The gusset plate is bent outward 3/8" due to 2" high x full-width pack rust.	East Truss, at B35, Outboard Gusset Plate, bottom edge - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00276	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord at B36, Outboard Gusset Plate, Exterior Face - There are up to full-height x 4" long areas of moderate corrosion with paint failure.	East Truss, Bottom Chord at B36, Outboard Gusset Plate, Exterior Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00163	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, at Splice south of B36, on east and west edges - There is an 8" long x 3" wide area of moderate corrosion with paint failure and minor laminar corrosion.	East Truss, Bottom Chord, at Splice south of B36, on east and west edges - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00162	OPEN



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7	7	Superstructure/Suspenders	East Truss, PP36 Suspender Cable, below the Upper Pin, West Face - There is a 3 1/2" wide x 3 1/2" high area of failing paint and active surface corrosion. There is multiple bulging strands along the full-height of cable.	East Truss, PP36 Suspender Cable, below the Upper Pin, West Face - Clean and paint.		3	2017-BCZ472001 (S17-S19)-00051	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Typical - There are full-width x 1" wide bands of failing paint with active corrosion spaced roughly 4'-0" apart for the full-length of the bracing.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L35, Top Connection Plate - The plate has been wire wheel cleaned but not repainted. Corrosion is reactivating. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the East Truss, at L35, Top Connection Plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00312	CLOSE-CONSULTANT
7	7	Superstructure/Lateral bracing	Upper Lateral Brace, U35W-U37E, at the middle connection, Top Connection Plate - There is moderate corrosion and pack rust forming between the top flange and the connection plate.	Upper Lateral Brace, U35W-U37E, at the middle connection, Top Connection Plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00272	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Bracing, East Diagonal, Top and Bottom Flange, North 15'-0" - There is minor freckled corrosion and corrosion staining.					
		59.PP 36- PP 37						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
6	6	Superstructure/Secondary Members	First, Second, and Seventh Median Support Diaphragms from Floorbeam 36, Top Flange - There is knife-edging for up to 1/2 the length.	First, Second, and Seventh Median Support Diaphragms from Floorbeam 36, Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00010	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
6	5	Superstructure/Joints	PP37 Joint - The northbound joint is open 1 3/4" at 48°F and is bulging with debris accumulation. The southbound joint is open 1 15/16" at 48°F and is depressed up to 1" and has moderate debris accumulation.					



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6	5	Superstructure/Joints	PP37 Joint, Southbound Lanes - There is moderate cracking and tears in the seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below. FY 2023 Inspection: This defect has been repaired. Repair status has changed to CLOSE-CONSULTANT.	PP37 Compression Seal - Replace the seal. FY 2023 Inspection: This defect has been repaired. Repair status has changed to CLOSE-CONSULTANT.	66	2	2013-BCZ472001 (S17-S19)-00133	CLOSE-CONSULTANT
6	5	Superstructure/Joints	PP37 Joint, Southbound Right Lane, near the centerline - The joint armor is bent and broken over a 1'-3" length. FY 2023 Inspection: This defect has been covered with concrete overlay and is no longer warranted. Repair status changed to CLOSE-CONSULTANT.	PP37 Joint, Southbound Right Lane, near the centerline - Replace the joint armor. FY 2023 Inspection: This defect has been covered with concrete overlay and is no longer warranted. Repair status changed to CLOSE-CONSULTANT.	67	2	2021-BCZ472001 (S17-S19)-00273	CLOSE-CONSULTANT
6	5	Superstructure/Joints	PP37 Joint - The south side is up to 1" higher than the north side. FY 2023 Inspection: This defect has been repaired.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/Stringers	Stringers 4 and 6, at the north end, Web and Top Flange of Bay 5 - There are 6" long x 6" high x full-width areas of moderate corrosion.	Stringers 4 and 6, at the north end, Web and Top Flange of Bay 5 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00166	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 37, North and South Face, Top Flange, in Bay 5 - There is a 6'-0" long area of moderate corrosion with minor section loss and moderate laminar corrosion.	Floorbeam 37, North Face, Top Flange, in Bay 5 - Clean and paint.	68	3	2019-BCZ472001 (S17-S19)-00011	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 37, North Face, Top Flange - There is one (1) in Bay 2, three (3) in Bay 3, three (3) in Bay 4 and two (2) sheared connection plate bolts in Bay 6.	Floorbeam 37, North Face, Top Flange - Replace the sheared bolts.		3	2013-BCZ472001 (S17-S19)-00196	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 37, North Face, Top Flange, west of Stringer 1 - There is a 1'-6" long x 2" wide area of heavy corrosion with minor section loss.	Floorbeam 37, North Face, Top Flange, west of Stringer 1 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00274	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 37, East End, North Face of Bottom Flange, Bottom Face of Top Flange - There is a 2'-0" long x 1'-0" wide area of moderate corrosion with paint failure and minor laminar corrosion.	Floorbeam 37, East End, North Face of Bottom Flange, Bottom Face of Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00165	OPEN



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7	7	Superstructure/Truss	West Truss, U37-L37, Top of Member, southeast corner - There is paint failure with minor corrosion. There are typical areas of paint failure on the interior face.	West Truss, U37-L37, Top of Member, southeast corner - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00396	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, L36-L37, Handhole at L37 - There is minor corrosion bleeding from the hole.					
7	7	Superstructure/Truss	East Truss, Upper Chord, at U37, Lower Flange Plate - There is a 3" long x 1/2" wide x 1/8" deep gouge.					
7	7	Superstructure/Truss	East Truss, Upper Chord, at U37 handhole - The pigeon screen is misaligned/slightly opened.					
7	7	Superstructure/Truss	East Truss, at B36, Outboard Gusset Plate - The gusset plate is bent outward 1/4" due to 2" high x full-width pack rust.	East Truss, at B36, Outboard Gusset Plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00275	OPEN
7	7	Superstructure/Suspenders	West Truss, PP37 Suspender Cable -There is one (1) wire bulging out up to 1/8" throughout the majority of the height, and has not separated from the bundle.					
7	7	Superstructure/Suspenders	East Truss, PP37 Suspender Cable, Top Half - There are several bulging strands.					



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7	7	Superstructure/Suspenders	East Truss, PP37, Upper Hanger - There is a 1/4" gap between the nut and suspender.					
7	7	Superstructure/Lateral bracing	No defects noted.					
		59.PP 37- PP 38						
7	7	Superstructure/Secondary Members	Second, Third, and Fourth Median Support Diaphragm from Floorbeam 37 - There is moderate corrosion with paint failure and minor laminar corrosion.	Second, Third, and Fourth Median Support Diaphragm from Floorbeam 37 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00170	OPEN
6	6	Superstructure/Paint	See condition notes for individual components.					
6	6	Superstructure/Bearings	Floorbeam 37, Bearings - The bearings exhibit light surface corrosion. The Stringer 5 and 6 Bearing exhibits moderate corrosion.	Floorbeam 37, Bearings - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00143	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringer 5, bottom of the Bottom Flange - There is a full-length area of freckled corrosion.	Stringer 5, bottom of the Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00144	OPEN



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7	7	Superstructure/Stringers	Stringer 5 and 6, top and bottom face of Bottom Flange, South End - There is a 2'-6" long x 3" wide area of moderate corrosion with paint failure and minor laminar corrosion.	Stringer 5 and 6, top and bottom face of Bottom Flange, South End - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00171	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 38, top and bottom face of Bottom Flange, at east end - There is a 10" long x 6" wide area of moderate corrosion with paint failure and minor laminar corrosion.	Floorbeam 38, top and bottom face of Bottom Flange, at east end - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00167	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 38, north and south face of Top Flange, at mid-length - There are two (2) 6" long areas of moderate corrosion.	Floorbeam 38, north and south face of Top Flange, at mid-length - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00168	OPEN
7	7	Superstructure/Truss	East Truss, at Splice South of B38, Top, Bottom, East and West Edges - There is 6" long x 4" wide area of moderate corrosion with paint failure and minor laminar corrosion.	East Truss, at Splice South of B38, Top, Bottom, East and West Edges - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00172	OPEN
7	7	Superstructure/Truss	East Truss, U37-U39, at U37 handhole - The handhole screen is stuck open.	East Truss, U37-U39, at U37 handhole - Replace handhole cover.		3	2023-BCZ472001 (S17-S19)-00372	OPEN



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7	7	Superstructure/Suspenders	East Truss, PP38 Suspender Cable, approximately 20'-0" above the deck - There is one (1) misaligned wire that is slightly separated up to mid-height.	East Truss, PP38 Suspender Cable, approximately 20'-0" above the deck - Seal the gap.		3	2019-BCZ472001 (S17-S19)-00490	OPEN
7	7	Superstructure/Suspenders	East Truss, PP38 Lower Hanger - There is moderate corrosion.	East Truss, PP38 Lower Hanger - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00373	OPEN
6	6	Superstructure/Lateral bracing	Upper Lateral Bracing, U37E-U37W, Mid-level Strut, Top - There is ponding water.					
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 37, Top and Bottom Connection Plates - There is heavy debris on Top Connection Plate and minor debris on Bottom Connection Plate. The south edge of the Bottom Connection Plate is deformed up to 1/4" due to pack rust. The bottom face of the Bottom Plate has an 8" long x 4" wide x 0.3" deep area pf section loss.	Suspended Roadway Lateral Brace, center connection at Floorbeam 37, Top and Bottom Connection Plates - Clean and paint. Replace the missing bolt.		3	2013-BCZ472001 (S17-S19)-00161	OPEN



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss, at B38, Bottom Connection Plate - There is a 4" long area of up to 1/2" pack rust which bows up corner. This is typical at many locations.	Suspended Roadway Lateral Brace, connection to the West Truss, at B38, Bottom Connection Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00146	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B38 to Lower Lateral Brace Diagonal, Bottom Connection Plate - There is up to 3/8" pack rust for 5" wide.	Suspended Roadway Lateral Brace, connection to the East Truss, at B38, Bottom Connection Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00147	OPEN
		59.PP 38- PP 39						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 39, south face of Top Flange, at mid-length, at missing clip - There is a 4" long area of moderate corrosion.	Floorbeam 39, south face of Top Flange, at mid-length, at missing clip - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00173	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 39, south face of Web, at west end, adjacent to Lower Lateral Bracing Top Plate Connection - There are three (3) 4" high areas of moderate corrosion.	Floorbeam 39, south face of Web, at west end, adjacent to Lower Lateral Bracing Top Plate Connection - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00174	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 39, east end of Top Plate Connection - There is a 1'-0" high x 4" long area of moderate corrosion with paint failure.	Floorbeam 39, east end of Top Plate Connection - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00175	OPEN
7	7	Superstructure/Truss	No defects noted.					
7	7	Superstructure/Suspenders	West Truss, PP39 Suspender Cable, Lower Pin, North Face - There is minor corrosion on the pin head.					
7	7	Superstructure/Suspenders	West Truss , at PP39, Upper Pin, south side - There is 1/8" pack rust between the pin head and yoke.	West Truss , at PP39, Upper Pin, south side - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00374	OPEN
7	7	Superstructure/Suspenders	West Truss, PP39, Lower Hangers - There is up to 5" high minor corrosion.					
7	7	Superstructure/Sway Bracing	No defects noted.					



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7	7	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 38, Top Face of Bottom Connection Plate - There is up to 1/8" deep pitting adjacent to the diagonals.	Suspended Roadway Lateral Brace, center connection at Floorbeam 38, Top and Bottom Connection Plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00145	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Bracing, East Truss, connection to B39 - There are isolated locations of moderate corrosion on both connection plates.					
		59.PP 39- PP 40						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
6	6	Superstructure/Secondary Members	First and Second Median Support Diaphragm from Floorbeam 39 - There is moderate corrosion.	First and Second Median Support Diaphragm from Floorbeam 39 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00148	OPEN
6	6	Superstructure/Secondary Members	Third Median Support Diaphragm from Floorbeam 39, Top Flange - There is moderate corrosion and knife edging for approximately 1/4 of the length.	Third Median Support Diaphragm from Floorbeam 39, Top Flange - Replace the member or clean and paint.		3	2019-BCZ472001 (S17-S19)-00149	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					



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7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No Defects Noted.					
7	7	Superstructure/Stairways	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeams 39 and 40, Top Flange, Bay 5, Typical - There are 4" long areas of moderate corrosion at removed clips.	Floorbeams 39 and 40, Top Flange, Bay 5, Typical - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00176	OPEN
7	7	Superstructure/Truss	West Truss, U39-M40, at M40, Interior - There is a 3'-0" long area of intermittent freckled rust on all faces (extends from hand hole above M40 to interior diaphragm above).	West Truss, U39-M40, at M40, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00478	OPEN
7	7	Superstructure/Truss	West Truss, Outboard Gusset Plate, Top Edge - There is a 6'-0" long x 8" high area of minor corrosion with paint failure.	West Truss, Outboard Gusset Plate, Top Edge - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00375	OPEN
7	7	Superstructure/Truss	West Truss, Bottom chord, at Splice near PP40 - There is 4" long minor corrosion.					
7	7	Superstructure/Truss	East Truss, at B39, Outboard Gusset Plate - The gusset plate is bent outward 1/4" due to full-width x 2" high pack rust.	East Truss, at B39, Outboard Gusset Plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00277	OPEN



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7	7	Superstructure/Truss	East Truss, bottom edges of the west and east sides, at Slice south of B40 - There is a 1'-9" long x 3" wide area of moderate corrosion with paint failure.	East Truss, bottom edges of the west and east sides, at Slice south of B40 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00177	OPEN
7	7	Superstructure/Truss	East Truss, exterior vertical plate, at B39, both sides of the Outboard Gusset Plate - There is a full-height x up to 6" wide area of moderate corrosion with paint failure.	East Truss, exterior vertical plate, at B39, both sides of the Outboard Gusset Plate - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00179	OPEN
7	7	Superstructure/Truss	East Truss, Hanger attachment to Floorbeam and Bottom Chord, north and south faces, at B40 - There are 2'-0" wide x up to 4" high areas of moderate corrosion with paint failure.	East Truss, Hanger attachment to Floorbeam and Bottom Chord, north and south faces, at B40 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00178	OPEN
7	7	Superstructure/Suspensers	East Truss, at PP40, near Upper Hanger - There is a 3" diameter area of failing paint on cable.					
7	7	Superstructure/Suspensers	East Truss, at PP40, Lower Hanger - There is moderate corrosion.					



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East and West Truss, at B40, Bottom Connection Plate, north corner - There is 5" long x up to 3/4" high upward bending due to pack rust. There are isolated areas of moderate corrosion and paint failure on connection plates.	Suspended Roadway Lateral Brace, connection to the East Truss, at B40, Bottom Connection Plate, north corner - Clean, paint and add filler as needed.	69	3	2015-BCZ472001 (S17-S19)-00036	OPEN
		59.PP 40- PP 41						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	5	Superstructure/Joints	PP41 Joint - The northbound joint is open 1 1/2" at 48°F. The southbound joint is open 2 1/2" at 48°F and is depressed up to 1" and has minor debris accumulation.					



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6	5	Superstructure/Joints	PP41 Northbound Joint - There is moderate cracking and tears in the seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	PP41 Northbound Joint - Replace the compression seal. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	70	2	2013-BCZ472001 (S17-S19)-00134	CLOSE-CONSULTANT
6	5	Superstructure/Joints	PP41 Joint, Northbound Left Lane, east end - The south side of joint is up to 1/4" higher than the north side.					
6	5	Superstructure/Joints	PP41 Joint, Northbound Lane, 4'-0" from solid white line - There is a 6" wide x 1/2" long dent.					
6	5	Superstructure/Joints	PP41 Joint, Southbound Left Lane - There are two (2) 6" long areas of minor impact damage.	PP41 Joint, Southbound Left Lane - Replace the joint armor.		3	2021-BCZ472001 (S17-S19)-00278	OPEN
6	5	Superstructure/Joints	PP41 Joint, Southbound Left Lane - The southside of the joint is up to 1 5/8" higher than the north side. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-MDTA.	PP41 Joint, Southbound Left Lane - Repair the differential settlement at the joint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-MDTA.		1	2021-BCZ472001 (S17-S19)-00341	CLOSE-MDTA



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6	5	Superstructure/Joints	PP41 Joint, north side of Floorbeam 41 - There are two (2) missing bolts in Bay 2, one (1) missing bolt in Bay 3, and one (1) missing bolt in Bay 4.	PP41 Joint, north side of Floorbeam 41 - Replace the missing bolts.		3	2013-BCZ472001 (S17-S19)-00111	OPEN
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 41, North Face, top of the Bottom Flange, 2'-0" from the east end - There is 1'-0" long x 4" wide area of up to 1/8" deep painted over section loss extending into the bottom 1" of the web.					
7	7	Superstructure/Floorbeams	Floorbeam 41, Top Flange, east and west ends - There is moderate to heavy corrosion of the shim plates.	Floorbeam 41, Top Flange, east and west ends - Clean and paint the shim plates.		3	2019-BCZ472001 (S17-S19)-00152	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 41, South Face, Top and Bottom Flange, in Bay 5 - There is moderate corrosion.	Floorbeam 41, South Face, Top and Bottom Flange, in Bay 5 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00279	OPEN



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7	7	Superstructure/Truss	West Truss, at L41, Outboard Gusset Plate - There is 3/8" pack rust.	West Truss, at L41, Outboard Gusset Plate - Clean, paint and add filler as needed.		3	2015-BCZ472001 (S17-S19)-00041	OPEN
7	7	Superstructure/Truss	West Truss, L41-U41, East Face, just above the Second Sway Brace connection from the roadway - There s a 1/2" wide x 6" high x 1/4" deep gouge with surface corrosion.	West Truss, L41-U41, East Face, just above the Second Sway Brace connection from the roadway - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00469	OPEN
7	7	Superstructure/Truss	East Truss, L40-L41, near L41 - There is up to 1/8" thick pack rust at handhole.	East Truss, L40-L41, near L41 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00181	OPEN
7	7	Superstructure/Truss	East Truss, L41-U41, North Face, East Flange - There is a 15'-0" high area of peeling paint and minor corrosion and a full-width x 1'-0" high area on the East Face.	East Truss, L41-U41, North Face, East Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00463	OPEN
7	7	Superstructure/Truss	East Truss, U39-U41, at U41 handhole - The handhole screen is stuck open.	East Truss, U39-U41, at U41 handhole - Replace handhole screen.		3	2023-BCZ472001 (S17-S19)-00398	OPEN
7	7	Superstructure/Truss	East Truss, L41-U41, East Flange - There is a full-width area of paint failure.	East Truss, L41-U41, East Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00397	OPEN
7	7	Superstructure/Truss	East Truss, at B41, Outboard Gusset Plate - The gusset plate is bent outward 1/4" due to full-width x 2" high pack rust.	East Truss, at B41, Outboard Gusset Plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00282	OPEN



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6	6	Superstructure/Suspenders	East Truss, at PP41, Suspender Cable, near the Upper Pin, West Face - There is one (1) 3" diameter area and one (1) 3" high x 1" wide area of failing paint with active surface corrosion and multiple bulging strands along the full-height.	East Truss, at PP41, Suspender Cable, near the Upper Pin, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00467	OPEN
6	6	Superstructure/Suspenders	West Truss, at PP41, Upper Hanger, north and south side - There is a 1/8" wide gap between pin head and yoke.					
7	7	Superstructure/Sway Bracing	Second Sway Brace from the roadway, connection to the West Truss, at PP41, North Connection Plate, South Face - There is a 6" diameter area of 1/16" deep painted over pitting below the diagonal.					
7	7	Superstructure/Sway Bracing	Third Sway Brace from the roadway, at PP41, West Diagonal Member, South Flange, bottom edge - There is a 6'-0" long area of peeling paint and minor corrosion.	Third Sway Brace from the roadway, at PP41, West Diagonal Member, South Flange, bottom edge - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00470	OPEN



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7	7	Superstructure/Lateral bracing	Upper Lateral Brace, connection to the West Truss, at U41 - There are tack welds at the connection plates. This condition is typical at this location.					
7	7	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss, at B41, Bottom Connection Plate - The plate is deformed 1/2" due to pack rust. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Suspended Roadway Lateral Brace, connection to the West Truss, at B41, Bottom Connection Plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2015-BCZ472001 (S17-S19)-00037	CLOSE-CONSULTANT
7	7	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B41, Top and Bottom Connection Plate - The top and bottom flange are deformed 1/2" due to pack rust for 5" long which cause it to bend up and down.	Suspended Roadway Lateral Brace, connection to the East Truss, at B41, Bottom Connection Plate - Clean, paint and add filler as needed.	71	3	2019-BCZ472001 (S17-S19)-00151	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Bracing, East Diagonal, at B40 - There are two (2) up to 7" long x 3" wide areas of moderate corrosion with paint failure and minor laminar corrosion.	Lower Lateral Bracing, East Diagonal, at B40 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00180	OPEN



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59.PP 41- PP 42								
6	6	Superstructure/Secondary Members	Second, Third and Sixth Median Support Diaphragms from Floorbeam 42, Top Flange - There is a 2'-0" long area of heavy corrosion.	Second, Third and Sixth Median Support Diaphragms from Floorbeam 42, Top Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00280	OPEN
6	6	Superstructure/Secondary Members	First Support Diaphragm from Floorbeam 41, Bay 2, Web to Top Flange Interface - There is a 4" long surface crack at top flange to web interface.	First Support Diaphragm from Floorbeam 41, Bay 2, Web to Top Flange Weld - Replace the member or arrest the crack.	72	2	2021-BCZ472001 (S17-S19)-00281	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 41, Bearings - The nuts are tack welded to the anchor bolts and the anchor bolts heads are tack welded to the bearing plates.					
7	7	Superstructure/Bearings	Floorbeam 41, Stringers 1-6, Bearing Pad - The bearing pads are unevenly compressed up to 1". This defect is associated to the differential settlement at the PP41 Joint that has been repaired.	Floorbeam 41, Stringers 1-6, Bearing Pad - Replace the bearing pads.		3	2019-BCZ472001 (S17-S19)-00150	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/St ringers	No defects noted.					
7	7	Superstructure/FI oorbeams	Floorbeam 42, Top and Bottom Flange, Bay 5 - There is minor corrosion with paint failure.					
7	7	Superstructure/Tr uss	East Truss, Bottom Chord, L41-L42, Handhole at L41 - There is moderate corrosion staining coming from the handhole. FY 2023 Inspection: This defect was not observed.					
7	7	Superstructure/Tr uss	East Truss, Bottom Chord, west side of Bottom and Top Edge, within 6'-0" of B41 - There are several up to 1'-6" long x up to 2" high areas of moderate corrosion with paint failure.	East Truss, Bottom Chord, west side of Bottom and Top Edge, within 6'-0" of B41 - Clean and paint.		3	2023- BCZ472001 (S17-S19)- 00183	OPEN
7	7	Superstructure/Tr uss	East Truss, L41-M42, Handhole near M42 - There is up to 1/8" thick pack rust.	East Truss, L41-M42, Handhole near M42 - Clean, paint and add filler as needed.		3	2023- BCZ472001 (S17-S19)- 00184	OPEN
7	7	Superstructure/Tr uss	East Truss, Upper Chord, at U41 handhole - The pigeon screen is misaligned/slightly opened.					
7	7	Superstructure/Tr uss	East Truss, Upper Chord, at U41, East Edge - There is minor corrosion with paint failure.					



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7	7	Superstructure/Truss	East Truss, at B42, Outboard Gusset Plate - The gusset plate is bent outward 1/4" due to full-width x 2" high pack rust.	East Truss, at B42, Outboard Gusset Plate - Clean, paint and add filler as needed.	73	3	2021-BCZ472001 (S17-S19)-00283	OPEN
7	7	Superstructure/Suspender	West Truss, at PP42, Suspender Cable - One strand is slightly misaligned for the bottom 15'-0" above the socket.					
7	7	Superstructure/Suspender	East Truss, at PP42, Suspender Cable, Lower Pin, North Face - There is moderate surface corrosion at pin nut.	East Truss, at PP42, Suspender Cable, Lower Pin, North Face - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00205	OPEN
7	7	Superstructure/Suspender	West Truss, at PP42, Upper Hanger - There is a 3/16" gap between the nut and hanger.					
7	7	Superstructure/Suspender	East Truss, at PP42, west face, Near Upper Hanger - There is a 3" diameter paint failure on cable.					
7	7	Superstructure/Suspender	East Truss, at PP42, Upper Hanger - There is a 1/4" gap between the nut and suspender and a 3/16" between the bolt head and suspender. There is 4" wide x 3" high area of minor corrosion.					



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 41, Top Connection Plate - There is heavy debris on the plate.	Suspended Roadway Lateral Brace, center connection at Floorbeam 41, Top Connection Plate - Clear the debris.		3	2013-BCZ472001 (S17-S19)-00162	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, connection to B42, East Diagonal, west side of Bottom Flange - Bent up to 3/4" due to 5" long pack rust.	Lower Lateral Bracing, connection to B42, East Diagonal, west side of Bottom Flange - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00182	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, connection to B42, Top and Bottom Plates - There is isolated minor corrosion with paint failure.					
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss at B42, Bottom Connection Plate - There is up to 3/4" pack rust for 5" long and bends the bottom flange upward.	Suspended Roadway Lateral Brace, connection to the West Truss at B42, Bottom Connection Plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00155	OPEN
		59.PP 42- PP 43						
6	7	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					



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6	7	Superstructure/Secondary Members	First Median Support Diaphragm from Floorbeam 43, Top Flange - There is 6" long area of moderate corrosion with knife edging.	First Median Support Diaphragm from Floorbeam 43, Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00187	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 43, Bay 5, south face of Top Flange - There is a 1'-6" long area of moderate corrosion with paint failure and minor laminar corrosion.	Floorbeam 43, Bay 5, south face of Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00185	OPEN
7	7	Superstructure/Truss	West Truss, at B43, Outboard Gusset Plate - The gusset plate is bent outward 1/2" due to pack rust.	West Truss, at B43, Outboard Gusset Plate - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00188	OPEN
7	7	Superstructure/Truss	East Truss, Upper Chord, at U43, West Face, West Splice Plate - There is an extra nut.					



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7	7	Superstructure/Truss	East Truss, L42-L43, Handhole near L43 - There is paint failure and minor corrosion.					
7	7	Superstructure/Truss	East Truss, L43-U43, East Flange, East Face - There is 1/16" deep painted over pitting.					
7	7	Superstructure/Truss	East Truss, L43-U43, Second Strut from top - There is minor debris accumulation.					
7	7	Superstructure/Truss	East Truss, west face of Bottom Chord, within 6'-0" of B43 - There are two (2) 6" diameter areas of moderate corrosion and paint failure.	East Truss, west face of Bottom Chord, within 6'-0" of B43 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00189	OPEN
7	7	Superstructure/Suspensers	West Truss, at PP43, Suspender Cable, Lower Pin - There is minor corrosion between the pin head and the connection plate.	West Truss, at PP43, Suspender Cable, Lower Pin - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00325	OPEN
7	7	Superstructure/Suspensers	East Truss, at PP43, west face, Near Upper Hanger - There is a 3" diameter area of paint failure on cable.					
7	7	Superstructure/Sway Bracing	No defects noted.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, from L43E-L43W, center connection with brace member, connects to L42 - There is a loose bolt.	Lower Lateral Brace, from L43E-L43W, center connection with brace member, connects to L42 - Replace bolt.		3	2023-BCZ472001 (S17-S19)-00399	OPEN



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 42, Top Connection Plate - The connection plate along east edge is bowed downward 1" over a 4" length due to pack rust.	Suspended Roadway Lateral Brace, center connection at Floorbeam 42, Top Connection Plate - Clean, paint and add filler as needed.	74	3	2019-BCZ472001 (S17-S19)-00154	OPEN
6	6	Superstructure/Lateral bracing	Suspended Lower Lateral Brace, top face of Top Flange, near B43 - There is a 1'-2" long x 7" wide area of moderate corrosion and bubbling paint.	Suspended Lower Lateral Brace, top face of Top Flange, near B43 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00186	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B43, Bottom Connection Plate - The bottom flange of lower lateral brace diagonal is deformed 1/2" due to 7" long pack rust.	Suspended Roadway Lateral Brace, connection to the East Truss, at B43, Bottom Connection Plate - Clean, paint and add filler as needed.		3	2015-BCZ472001 (S17-S19)-00039	OPEN
		59.PP 43- PP 44						
6	6	Superstructure/Secondary Members	First, Second and Third Median Support Diaphragms from Floorbeam 44, Top Flange - There is moderate corrosion with minor section loss.	First, Second and Third Median Support Diaphragms from Floorbeam 44, Top Flange - Clean and paint.		3	2010-BCZ472001-00033	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					



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7	7	Superstructure/Utilities	East Truss, south of B44 - There are cables from solar array hanging down.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stairways	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 44, Top and Bottom Flange, Bay 5 - There is full-width minor corrosion with 1'-6" long laminar corrosion.	Floorbeam 44, Top and Bottom Flange, Bay 5 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00376	OPEN
6	6	Superstructure/Truss	West Truss, at L44, Outboard Gusset Plate, bottom edge - There is 1/4" pack rust and heavy surface corrosion.	West Truss, at L44, Outboard Gusset Plate, bottom edge - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00324	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, south of B44 - There is a 1'-6" long x full-height (on west face) x 3" wide (on bottom face) area of moderate corrosion with paint failure and minor laminar corrosion.	East Truss, Bottom Chord, south of B44 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00190	OPEN
6	6	Superstructure/Truss	East Truss, U43-U45, Typical - There are areas of paint failure along the top chord and minor paint failure at nuts of outboard gusset plate. There are tack welds at the bottom of east splice plate, one (1) in tact and center welded cracked.					



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7	7	Superstructure/Suspenders	West Truss, PP44, Suspender Cable, Lower Pin, South Face - There is a 1/8" gap at base of pin head with minor surface corrosion. There is moderate corrosion at base of nut on the North Face.	West Truss, PP44, Suspender Cable, Lower Pin, South Face - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00202	OPEN
7	7	Superstructure/Suspenders	East Truss, PP44, Suspender Cable - The top 5'-0" of the cable has significant paint loss. The remaining length of the cable has approximately 50% paint loss.	East Truss, PP44, Suspender Cable - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00491	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B44, Bottom Connection Plate - There is a 4" long area along the bottom flange of the lower lateral diagonal that is bent up to 1/4" due to pack rust.	Suspended Roadway Lateral Brace, connection to the East Truss, at B44, Bottom Connection Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00157	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L44, Bottom Connection Plate - There is one (1) unseated/not fully engaged nut.					



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59.PP 44- PP 45								
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and moderate surface corrosion with minor section loss.	Median Support Diaphragm, Typical - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00074	OPEN
6	6	Superstructure/Secondary Members	Second, Third and Fourth Median Support Diaphragms from Floorbeam 45, Top Flange - There is moderate to heavy corrosion and section loss.	Second, Third and Fourth Median Support Diaphragms from Floorbeam 45, Top Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00287	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
6	6	Superstructure/Catwalks/Ladders/Safety Railings	PP44-PP45, Catwalk Grating - There is one (1) bent grating panel with a 1 1/4" differential creating a tripping hazard.	PP44-PP55, Catwalk Grating - Replace the bent grating panel.		3	2021-BCZ472001 (S17-S19)-00284	OPEN
7	7	Superstructure/Stringers	Stringer 1, west face of the Bottom Flange and Bottom of Web - There are four (4) up to 1'-0" long x 4" high areas of minor corrosion with paint failure.					



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7	7	Superstructure/Floorbeams	Floorbeam 45, connection to the West Truss, Bottom Flange - There is a 10" wide x 2 1/2" long area of moderate corrosion and moderate laminar corrosion.	Floorbeam 45, connection to the West Truss, Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00328	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 45, South Face, east end, at the lower lateral brace connection - There is a 9" long x 3" wide area of moderate corrosion, peeling paint, and minor laminar corrosion on the bottom flange and a 4" diameter area on the web of moderate corrosion.	Floorbeam 45, South Face, east end, at the lower lateral brace connection - Clean and paint.	75	3	2019-BCZ472001 (S17-S19)-00158	OPEN
7	7	Superstructure/Truss	West Truss, at U45, South Connection Plate Angle, top edge - The connection plate is deformed up to 3/4" with two (2) unseated bolts.	West Truss, at U45, South Connection Plate Angle, top edge - Tighten the unseated bolts.	76	2	2021-BCZ472001 (S17-S19)-00285	OPEN
7	7	Superstructure/Truss	East Truss, U43-U45, at U45 handhole - The handhole screen is stuck open.	East Truss, U43-U45, at U45 handhole - Replace broken handhole screen.		3	2023-BCZ472001 (S17-S19)-00400	OPEN
7	7	Superstructure/Suspender	East Truss, at PP45, Top 5'-0" of cable - There is intermittent paint failure.					
7	7	Superstructure/Suspender	East Truss, at PP45, Lower Hanger - There is minor corrosion.					
7	7	Superstructure/Sway Bracing	No defects noted.					



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 44, Top and Bottom Connection Plates - There is 1'-2" long x 2" high pack rust at the top plate that is causing the plate to bend downward along a 3'-0" length. There is 1'-2" long x 1" high pack rust at the top plate that is causing the plate to bend upward along a 3'-0" length. There is 2" pack rust at the bottom plate.	Suspended Roadway Lateral Brace, center connection at Floorbeam 44, Top and Bottom Connection Plates - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00286	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, East Diagonal, East Face - There is a 10'-0" long x full-width x up to 3" high area of moderate corrosion with paint failure and laminar corrosion on the web and top face of bottom flange. There is a 1'-6" long x 3" high x 1/8" deep area of section loss on the web. There are two (2) up to 8" diameter x 1/4" deep areas of section loss on the bottom face of bottom flange.	Suspended Roadway Lateral Brace, East Diagonal, East Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00192	OPEN



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss, at B45, South Face, Top and Bottom Flange and Web - There is an up to 5'-6" long area on the bottom flange and 2'-0" long area on the north face of the to flange of moderate corrosion with minor section loss and minor laminar corrosion. At the Bottom Connection Plate, there is moderate corrosion with paint failure, moderate laminar corrosion and 1/4" pack rust. There is a 4" long x up to 1/2" high area of pack rust causing bending upward along the full-length of the north side of the bottom flange.	Suspended Roadway Lateral Brace, connection to the West Truss, at B45, South Face, Top Flange and Web - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00372	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss, at B45 - There is 1/4" pack rust between the lateral bracing and the Floorbeam 45 connection. FY 2023 Inspection: Repair status changed to CLOSE-CONSULTANT, as this is duplicate repair ID of 2019-BCZ47001(S17-S19)-00372.	Suspended Roadway Lateral Brace, connection to the West Truss, at B45 - Clean and paint. FY 2023 Inspection: Repair status changed to CLOSE-CONSULTANT, as this is duplicate repair ID of 2019-BCZ47001(S17-S19)-00372.		3	2019-BCZ472001 (S17-S19)-00326	CLOSE-CONSULTANT



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B45, Top and Bottom Connection Plates - There is moderate corrosion with paint failure and moderate laminar corrosion on the top plate and bottom plate.	Suspended Roadway Lateral Brace, connection to the East Truss, at B45, Top and Bottom Connection Plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00160	OPEN
		59.PP 45- PP 46						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.	Median Support Diaphragm, Typical - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00327	OPEN
6	6	Superstructure/Secondary Members	Fourth Median Support Diaphragm from Floorbeam 46, Web - There is a 1/2" diameter area of 100% section loss. There is a 6" long x 1/2" wide area of knife edging on the top flange.	Fourth Median Support Diaphragm from Floorbeam 46, Web and Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00195	OPEN
6	6	Superstructure/Secondary Members	Fifth Median Support Diaphragm from Floorbeam 46, Bay 5, Top Flange - There is a 6" long x 3/4" wide area of 100% section loss.	Fifth Median Support Diaphragm from Floorbeam 46, Bay 5, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00161	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					



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7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 46, North Face, top of the Top Flange, in Bay 5 - There is a full-width area of failing paint and moderate corrosion with minor laminar corrosion that extends 3" into the bottom face.	Floorbeam 46, North Face, top of the Top Flange, in Bay 5 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00162	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 46, North Face, East End of Bottom Flange - There is a full-width x 3" long area of moderate corrosion with paint failure and minor laminar corrosion.	Floorbeam 46, North Face, East End of Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00193	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 46, North Face, East End of North Web, on both sides of Lower Lateral Brace Connection Plate - There are two (2) 1'-0" high x 6" long areas of moderate corrosion with paint failure and minor laminar corrosion.	Floorbeam 46, North Face, East End of North Web, on both sides of Lower Lateral Brace Connection Plate - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00194	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, at mid-length, East Face at Top - There is a 6" long x 3" high area of moderate corrosion with paint failure.	East Truss, Bottom Chord, at mid-length, East Face at Top - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00196	OPEN



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7	7	Superstructure/Truss	East Truss, U45-U47, at U45 handhole - The handhole screen is stuck open.	East Truss, U45-U47, at U45 handhole - Replace broken handhole screen.		3	2023-BCZ472001 (S17-S19)-00377	OPEN
7	7	Superstructure/Suspenders	East and West Truss, PP46, Suspender Cable, Typical - There is random paint failure along full-height.					
7	7	Superstructure/Suspenders	East Truss, PP46, Suspender Cable, Southwest Face, at approximately 6'-0" from top - There are several misaligned strands and a small gap (approximately 1/16" wide). There are several other locations of misaligned strands and small gaps that are more minor throughout the cable.	East Truss, PP46, Suspender Cable, Southwest Face, at approximately mid-height - Seal the gaps.		3	2019-BCZ472001 (S17-S19)-00492	OPEN
6	6	Superstructure/Lateral bracing	Upper Lateral Brace, connection to the East Truss, at U45 - There are tack welds in the bottom of the fill plates. Tack welds in this location are typical. There is a one (1) tack weld cracked for full length on north edge.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L46, Bottom Connection Plate - The plate is bent upwards 3/4" due to pack rust. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the East Truss, at L46, Bottom Connection Plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00311	CLOSE-CONSULTANT
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L46 - There are areas of paint failure and minor corrosion.					
		59.PP 46- PP 47						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding, scattered minor surface corrosion and minor laminar corrosion.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	East Truss, Solar Array, North of B46 - There are hanging wires.					
6	6	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/Stringers	Stringer 3 and 4, bottom face of Bottom Flange - There is full-length freckled corrosion.					
7	7	Superstructure/Floorbeams	No defects noted.					
7	7	Superstructure/Truss	East Truss, U45-U47, at U47 handhole - The handhole is open.	East Truss, U45-U47, at U47 handhole - Install handhole screen.		3	2023-BCZ472001 (S17-S19)-00401	OPEN
7	7	Superstructure/Suspender	West Truss, PP47, Suspender Cable, within 7'-0" above the hanger - There are several bulging wires.					
7	7	Superstructure/Sway Bracing	No defects noted.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to East Truss, at B46, Top and Bottom Plate - There are random areas of moderate corrosion with paint failure.	Lower Lateral Brace, connection to East Truss, at B46, Top and Bottom Plate - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00197	OPEN
		59.PP 47- PP 48						
7	7	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					



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7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
7	7	Superstructure/Truss	West Truss, at U47, Interior, Outboard and Inboard Gusset Plates - There is 1'-6" wide x 3" high paint failure.	West Truss, at U47, Interior, Outboard and Inboard Gusset Plates - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00379	OPEN
7	7	Superstructure/Truss	East Truss, U47-U49, at U47 handhole - The handhole is open.	East Truss, U47-U49, at U47 handhole - Install handhole screen.		3	2023-BCZ472001 (S17-S19)-00378	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, L47-L48, Field Splice at L47, Bottom Splice Plate - There is 1/4" pack rust between the plate and the bottom chord with existing painted over section loss. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	East Truss, Bottom Chord, L47-L48, Field Splice at L47, Bottom Splice Plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00163	CLOSE-CONSULTANT
7	7	Superstructure/Truss	East Truss, west face of Bottom Chord, at B47 - There is a 8" long x 3" high area of moderate corrosion with paint failure.	East Truss, west face of Bottom Chord, at B47 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00198	OPEN



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7	7	Superstructure/Suspenders	West Truss, at PP48, Suspender Cable, top half - There are two (2) slightly misaligned strands.					
7	7	Superstructure/Suspenders	West Truss, at PP48, Suspender Cable, Bottom Hanger - There is up to 1/4" gap between the hanger and both the nut and pin head.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to FB48 - There is minor laminar corrosion on several to plate bolt heads.					
6	6	Superstructure/Lateral bracing	Upper Lateral Brace, connection to the West Truss, at U47, Bottom Connection Plate - The bottom flange connection angle member has a missing bolt at the inboard face of upper chord. A replacement steel plug is inserted.					
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B47, Top and Bottom Connection Plates - There is freckled rust on top of the top and bottom plates.	Suspended Roadway Lateral Brace, connection to the East Truss, at B47, Top and Bottom Connection Plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00164	OPEN



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B47, Top Connection Plate - There are six (6) bolts with moderate corrosion. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Suspended Roadway Lateral Brace, connection to the East Truss, at B47, Top Connection Plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00165	CLOSE-CONSULTANT
6	6	Superstructure/Lateral bracing	Upper Lateral Brace, connection to the East Truss, at U47 - There are tack welds in the bottom of the fill plates. Tack welds in these locations are typical.					
		59.PP 48- PP 49						
6	6	Superstructure/Secondary Members	Fifth, Seventh and Eighth Median Support Diaphragms from of Floorbeam 48, Top Flange - There is moderate corrosion throughout and stringer connection bolts are corroded.	Fifth, Seventh and Eighth Median Support Diaphragms from of Floorbeam 48, Top Flange - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00076	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
5	5	Superstructure/Joints	PP49 Joint - There is moderate cracking and tears of the joint seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below deck.	PP49 Compression Seal - Replace the seal.	77	2	2013-BCZ472001 (S17-S19)-00135	OPEN



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5	5	Superstructure/Joints	PP49 Joint - The northbound joint is open 1 1/2" at 48°F. The southbound joint is open 1 3/4" at 45°F and has minor debris accumulation.					
5	5	Superstructure/Joints	PP49 Joint, Southbound Left Shoulder - The south side is 1 1/2" lower than the north side. FY 2023 Inspection this defect was not observed.					
7	7	Superstructure/Bearings	Floorbeam 49, Stringers 5 and 6 Bearings - There is minor to moderate corrosion with paint failure.	East Truss, west face of Bottom Chord, at B47 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00199	OPEN
7	7	Superstructure/Utilities	No Defects Noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringers 5 and 6, at Floorbeam 49, top and bottom face of Bottom Flange - There is a 2'-0" long area of minor to moderate corrosion.	Stringers 5 and 6, at Floorbeam 49, Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00167	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 49, South Face, Top Flange, in Bay 4 - There are three (3) sheared connection plate bolts. One (1) bolt has a loose nut that is barely threaded onto the bolt.	Floorbeam 49, South Face, Top Flange, in Bay 4 - Replace bolts that are sheared or have not fully threaded nuts.		3	2017-BCZ472001 (S17-S19)-00054	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 49, north and south faces of Top Flange, in Bay 5 and at the east end - There is up to 2'-0" long moderate corrosion with paint failure and laminar corrosion. There is pack rust causing slight deformation of the top flange at the east end.	Floorbeam 49, Top Flange, in Bay 5 and at the east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00168	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 49, South Face, Top Flange, in Bay 6 - There are three (3) sheared connection plate bolts. Three (3) of the four (4) remaining nuts are not fully threaded.	Floorbeam 49, South Face, Top Flange, in Bay 6 - Replace the sheared bolts. Tighten any loose nuts.		3	2013-BCZ472001 (S17-S19)-00106	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 49, bottom of the Bottom Flange, just east of center - There is a 4'-0" long x full-width area of blistering paint and moderate corrosion with an adjacent 6'-0" long area of moderate corrosion at center along north edge.	Floorbeam 49, bottom of the Bottom Flange, just east of center - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00468	OPEN
6	6	Superstructure/Truss	West Truss, M48-L49, Second Handhole at M48 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. There is a 4'-0" long area of paint failure on the north plate.	West Truss, M48-L49, Second Handhole at M48 - Clean debris from handhole and paint. Replace the drain apron.		3	2019-BCZ472001 (S17-S19)-00473	OPEN



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6	6	Superstructure/Truss	West Truss, L49-U49, South Flange, East Face - There is a 20'-0" high area of peeling paint and minor corrosion.	West Truss, L49-U49, South Flange, East Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00474	OPEN
6	6	Superstructure/Truss	West Truss, L49-U49, Northwest Flange, North Face - There is a 20'-0" high area of peeling paint and minor corrosion.	West Truss, L49-U49, Northwest Flange, North Face - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00291	OPEN
6	6	Superstructure/Truss	East Truss, at B49, Outboard Gusset Plate, bottom edge - The gusset plate is deformed up to 3/8" due to 3" high pack rust.	East Truss, at B49, Outboard Gusset Plate, bottom edge - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00169	OPEN
6	6	Superstructure/Truss	East Truss, at B49, both sides of Outboard Gusset Plate, at Bottom Chord - There is up to full-height x 4" long areas of moderate corrosion and paint failure.	East Truss, at B49, both sides of Outboard Gusset Plate, at Bottom Chord - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00201	OPEN
7	7	Superstructure/Suspensers	West Truss, at PP49, within 5'-0" of Lower Hanger - There are several bulged strands.					
7	7	Superstructure/Suspensers	East Truss, at PP49, within Bottom Half - There are multiple bulged strands and several 2" wide x up to 1'-0" high areas of paint failure.	East Truss, at PP49, within Bottom Half - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00380	OPEN
7	7	Superstructure/Suspensers	West Truss, at PP49, Upper Hanger - There is a 3/16" wide gap between the pin head and yoke.					



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7	6	Superstructure/Sway Bracing	No defects noted.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, North half of the West Diagonal, on the Top and Bottom Flange, at east end near Floorbeam 49 - There is intermittent minor to moderate corrosion with paint failure.					
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 49, Top Connection Plate - There is heavy debris on top of the top plate. There is 1/2" deformation that is up to 1" high x 3" long at the west edge due to previously cleaned pack rust.					
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 49, Bottom Connection Plate - There are three (3) up to 1'-3" long x 3" wide areas of pack rust that are causing the plate to bend 1/2".	East Truss, west face of Bottom Chord, at B47 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00200	OPEN



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B48, Bottom Connection Plate - There lower lateral brace bottom flange is bent up to 1/4" high due to pack rust over a 4" length.	Suspended Roadway Lateral Brace, connection to the East Truss, at B48, Bottom Connection Plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00170	OPEN
		59.PP 49- PP 50						
6	6	Superstructure/Secondary Members	First, Third and Seventh Median Support Diaphragms from Floorbeam 49, Top and Bottom Flange - There is moderate corrosion, minor laminar corrosion, knife-edging, and up to 1" long x 1/2" wide areas of 100% section loss.	First, Third, Seventh and Eighth Median Support Diaphragms from Floorbeam 49, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00171	OPEN
6	6	Superstructure/Secondary Members	Eighth Median Support Diaphragms from Floorbeam 49 - There is moderate corrosion with moderate laminar corrosion, knife edging on the top and bottom flange, and on the web there is a 2" wide x 1/4" high hole (100% section loss). Adjacent to that there is a 3/4" diameter hole (100% section loss) in the top flange.	Eighth Median Support Diaphragms from Floorbeam 49 - Clean, paint and plate or replace the member.		3	2023-BCZ472001 (S17-S19)-00089	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					



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7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stairways	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 50, south side of Top flange, in Bay 5 - There is heavy corrosion.	Floorbeam 50, Top flange, in Bay 5 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00176	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 50, east half, south side of top face of Bottom Flange - There is intermittent moderate corrosion and on the bottom 4" of web.	Floorbeam 50, east half, south side of top face of Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00202	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 50, east end, north face of web, at Lower Lateral Brace Connection Plate - There is a 9" diameter area of moderate corrosion with paint failure.	Floorbeam 50, east end, north face of web, at Lower Lateral Brace Connection Plate - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00203	OPEN
7	6	Superstructure/Truss	West Truss, Upper Chord, U49-U51, at U49, Interior, Web - There is a 1SF area of paint failure.					
7	6	Superstructure/Truss	West Truss, Bottom Chord, at B50 - The handhole cover is not flush with the bottom plate.					



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7	6	Superstructure/Truss	East Truss, Bottom Chord, L49-L50, at L49, below the lateral brace connection plate and gusset plate connection angle - There is a 2'-0" long x 2" high area of up to 1/16" deep painted over section loss. FY 2023 Inspection: This defect was not observed.					
7	6	Superstructure/Truss	East Truss, Bottom Chord, L49-L50, at L49, below the lateral brace connection plate and gusset plate connection angle - There is a 2'-0" long x 1'-3" high area of moderate corrosion with paint failure and laminar corrosion.	East Truss, Bottom Chord, L49-L50, at L49, below the lateral brace connection plate and gusset plate connection angle - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00207	OPEN
7	7	Superstructure/Suspender	West Truss, PP50, Upper Hanger Pin Head - There is moderate corrosion and paint failure.	West Truss, PP50, Upper Hanger Pin Head - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00206	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 50, Top Connection Plate, north face - There is minor corrosion with paint failure on several bolt heads.	Suspended Roadway Lateral Brace, center connection at Floorbeam 50, Top Connection Plate, north edge - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00172	OPEN



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 50, Bottom Connection Plate, north edge, Top Face - There is 1/2" pack rust bending up plate.	Suspended Roadway Lateral Brace, center connection at Floorbeam 50, Bottom Connection Plate, north edge, Top Face - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00204	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, Bottom connection plate, North edge of Top Face - There is intermittent up to 2" wide with 1/2" pack rust throughout the full-length causing the plate to bend upward.	Suspended Roadway Lateral Brace, Bottom connection plate, North edge of Top Face - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00205	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B49, Bottom Connection Plate - There is 1/8" pack rust causing the plate to pry downward.	Suspended Roadway Lateral Brace, connection to the East Truss, at B49, Bottom Connection Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00166	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, West Diagonal, east side, top face of Bottom Flange - There are random areas of bubbling paint, minor corrosion and paint failure.	Lower Lateral Brace, West Diagonal, east side, top face of Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00381	OPEN



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59.PP 50- PP 51								
6	6	Superstructure/Secondary Members	Third Median Support Diaphragm from Floorbeam 50, Top and Bottom Flange - There is heavy corrosion, knife edging, and up to 6" long x 3/4" wide areas of 100% section loss along.	Third Median Support Diaphragm from Floorbeam 50, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00173	OPEN
6	6	Superstructure/Secondary Members	Seventh Median Support Diaphragm from Floorbeam 50, Top and Bottom Flange - There is full-length knife edging and the web has a 2" long x 1" high corrosion hole near the west end with an adjacent 1/4" diameter hole. All section loss is painted over, but corrosion is reactivating.	Seventh and Eighth Median Support Diaphragm from Floorbeam 50, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00174	OPEN
6	6	Superstructure/Secondary Members	Eighth Median Support Diaphragm from Floorbeam 50, Top and Bottom Flange - There is full-length knife edging and all section loss is painted over, but corrosion is reactivating and two (2) pinholes in the web.	Eighth Median Support Diaphragm from Floorbeam 50, Top and Bottom Flange - Clean, paint, and plate or replace member.		3	2023-BCZ472001 (S17-S19)-00402	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					



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7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	6	Superstructure/Stringers	Stringer 6, at Floorbeam 50, top face of Bottom Flange, west half - There is 4'-0" long minor corrosion with paint failure and minor laminar corrosion. There is a 4'-0" long x up to 3" high area of minor corrosion in the web.	Stringer 6, at Floorbeam 50, Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00175	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 51, in Bay 5, Top flange - There is moderate corrosion with paint failure and laminar corrosion.	Floorbeam 51, in Bay 5, Top flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00180	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 51, in Bay 5, bottom face of Bottom Flange - There is a 7'-0" long x up to 5" wide area of moderate corrosion.	Floorbeam 51, in Bay 5, bottom face of Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00208	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 51, between 10'-0" to 15'-0" from east end, on the south face, Top Flange - There is moderate corrosion with paint failure. On the bottom flange and web there is a 1'-4" long x 3" high x 5" wide and a 2'-8" long x 3" high x 5" wide area of moderate corrosion with paint failure.	Floorbeam 51, between 10'-0" to 15'-0" from east end, on the south face, Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00209	OPEN



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6	6	Superstructure/Truss	West Truss, at U51, Inboard Gusset Plate, Top - There is active corrosion with paint failure and 3/16" deep painted over pitting. There is active corrosion with paint failure at the underside of the upper chord and along the top flange edge of bracing member.	West Truss, at U51, Inboard Gusset Plate, Top - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00382	OPEN
6	6	Superstructure/Truss	West Truss, L51-U51 at L51, Interior - There is a 10'-0" high area of minor corrosion. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	West Truss, L51-U51 at L51, Interior - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00465	CLOSE-CONSULTANT
6	6	Superstructure/Truss	West Truss, L51-U51, 20'-0" from top chord, Flange - There is a 2" long x 1/2" wide gouge.					
6	6	Superstructure/Truss	East Truss, at U51, Outboard Gusset Plate - There is 2'-0" long paint failure along bottom of gusset. There is minor debris accumulation in diagonal.					
6	6	Superstructure/Truss	East Truss, L51-U51, North Flanges - There is a 5'-0" long area of paint failure.					



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6	6	Superstructure/Truss	East Truss, Suspended Bottom Chord, Field Splice near B50, Bottom and West Splice Plates - There is minor corrosion emanating from the splice plates with up to 1/4" pack rust.	East Truss, Suspended Bottom Chord, Field Splice near B50, Bottom and West Splice Plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00177	OPEN
7	7	Superstructure/Suspenders	West Truss, PP51, Suspender Cable, within 10'-0" of the hanger - There is one (1) wire bulging up to 1/4".					
7	7	Superstructure/Suspenders	West, PP51, Lower Pin, at the interface between the eyebar and the nut - There is minor corrosion and paint failure.	West, PP51, Lower Pin, at the interface between the eyebar and the nut - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00475	OPEN
7	7	Superstructure/Suspenders	West Truss, PP51, Upper Hanger - There is paint failure and moderate corrosion on the pin head.	West Truss, PP51, Upper Hanger - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00383	OPEN
7	7	Superstructure/Suspenders	East Truss, PP51, Suspender Cable - There is random paint failure for the full-height.					
7	7	Superstructure/Sway Bracing	No defects noted.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection at L50E, Top Plate - There is a 2'-6" long area of 1/4" pack rust causing plate to bend.	Lower Lateral Brace, connection at L50E, Top Plate - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00212	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to Floorbeam 51, Bottom Plate - There is a 10" long x 3" wide area of pack rust which is bending the plate up 1/2".	Lower Lateral Brace, connection to Floorbeam 51, Bottom Plate - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00210	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, West Diagonal, east side,, web and top of bottom flange - There is a 2'-0" long x 3" wide x 4" high moderate corrosion with paint failure.	Lower Lateral Brace, West Diagonal, east side,, web and top of bottom flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00211	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L51, Top and Bottom Connection Plates - There is up to 1/8" pack rust with flaking paint and active corrosion along edges.	Lower Lateral Brace, connection to the West Truss, at L51, Top and Bottom Connection Plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00476	OPEN
		59.PP 51- PP 52						
6	5	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
6	5	Superstructure/Secondary Members	Third Median Support Diaphragm from Floorbeam 52, in Bay 5, Top Flange - There is up to 100% section loss. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Third Median Support Diaphragm from Floorbeam 52, in Bay 5, Top Flange - Clean, paint and plate or replace the member. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00323	CLOSE-CONSULTANT



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6	5	Superstructure/Secondary Members	Fourth Median Support Diaphragm from Floorbeam 52, in Bay 5 - There is a 1'-0" long x 1" wide area of 100% section loss and moderate corrosion with moderate laminar corrosion in the top flange. There is a 2" wide x 3/4" high area of 100% section loss in the web.	Fourth Median Support Diaphragm from Floorbeam 52, in Bay 5 - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00178	OPEN
6	5	Superstructure/Secondary Members	Fifth and Eighth Median Support Diaphragms from Floorbeam 52, in Bay 5, Top Flange - There is a 10" long x 1" wide area of 100% section loss, knife edging, moderate corrosion and moderate laminar corrosion.	Fifth and Eighth Median Support Diaphragms from Floorbeam 52, in Bay 5, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00179	OPEN
7	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 52, in Bay 5, Top flange - There is minor corrosion with minor laminar corrosion and paint failure.	Floorbeam 52, in Bay 5, Top flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00332	OPEN
7	7	Superstructure/Truss	West Truss, Bottom Chord, L51-L52, handhole at L51: The handhole grate is pried up and not flush with the bottom chord plate.					
7	7	Superstructure/Truss	East Truss, M51-L52, handhole at M51 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	East Truss, M51-L52, handhole at M51 - Clean debris from handhole. Repair the drain apron. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00462	CLOSE-CONSULTANT
7	7	Superstructure/Suspenders	West Truss, at PP52, Suspender Cable, Lower Pin - There is minor corrosion at interface of the eyebar and nut.	West Truss, at PP52, Suspender Cable, Lower Pin - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00330	OPEN
7	7	Superstructure/Suspenders	West Truss, at PP52, Upper Hanger - There is minor corrosion on eyebar and nut.					
7	7	Superstructure/Suspenders	East Truss, PP52 Suspender Cable, bottom 2'-0" - There is paint failure.					



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7	7	Superstructure/Lateral bracing	No defects noted.					
		59.PP 52- PP 53						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Top Flange, Typical - There is minor corrosion and minor section loss throughout.	Median Support Diaphragm, Top Flange, Typical - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00181	OPEN
6	6	Superstructure/Secondary Members	Ninth Median Diaphragms from Floorbeam 52, in Bay 5, Top and Bottom Flanges - There is moderate corrosion with minor laminar corrosion and up to 1" wide areas of 50% section loss.	Eighth and Ninth Median Diaphragms from Floorbeam 52, in Bay 5, Top and Bottom Flanges - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00331	OPEN
6	6	Superstructure/Secondary Members	End Diaphragm at Floorbeam 53, in Bay 5, Top and Bottom Flanges - There is severe corrosion with up to 100% section loss, and several up to 3" long x up to 1" wide areas of paint failure and moderate laminar corrosion.	End Diaphragm at Floorbeam 53, in Bay 5, Top and Bottom Flanges - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00045	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					



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5	5	Superstructure/Joints	PP53 Joint - There is moderate cracking and tears of the joint seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below deck.	PP53 Compression Seal - Replace the compression joint seal.	78	2	2013-BCZ472001 (S17-S19)-00136	OPEN
5	5	Superstructure/Joints	PP53 Joint - The northbound joint is open 2 1/8" at 48°F and has minor debris accumulation. The southbound joint is open 3" at 45°F and has minor debris accumulation.					
5	5	Superstructure/Joints	PP53 Joint, Southbound Lanes - The south side of the joint is 3/4" lower than the north side.					
5	5	Superstructure/Joints	PP53 Joint, Northbound Lanes - The south side of the joint is 1/2" lower than the north side.					
6	6	Superstructure/Bearings	Floorbeam 53, Bearings 2-6, and 10 - There is minor to moderate corrosion.	Floorbeam 53, Bearings 2-6 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00182	OPEN
6	6	Superstructure/Bearings	Floorbeam 53, Stringers 9 and 10 - The bearings pads are slightly bulged.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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6	6	Superstructure/Stringers	Stringer 2, East Face, top of the Bottom Flange, north end - There is a 7" long x 3" wide area of active corrosion.	Stringer 2, East Face, top of the Bottom Flange, north end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00479	OPEN
6	6	Superstructure/Stringers	Stringer 3, East Face, top of the Bottom Flange, north end - There is a 1'-0" long x 3" wide area of active corrosion.	Stringer 3, East Face, top of the Bottom Flange, north end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00480	OPEN
6	6	Superstructure/Stringers	Stringer 5 and 6, at Floorbeam 53, Top and Bottom Faces of Bottom Flange - There is an up to 2'-6" long area of moderate corrosion with moderate laminar corrosion.	Stringer 5 and 6, at Floorbeam 53, Top and Bottom Faces of Bottom Flange - Clean and paint.	79	3	2023-BCZ472001 (S17-S19)-00216	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 53, South Face, Top Flange - There is one (1) in Bay 3, one (1) in Bay 4, one (1) in Bay 6, three (3) in Bay 7 and two (2) sheared connection plate bolt in Bay 8. In bay 4 there is one (1) connection plate bolt that is not fully threaded.	Floorbeam 53, South Face, Top Flange - Replace the sheared bolts.		3	2015-BCZ472001 (S17-S19)-00042	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 53, in Bay 5, Top Flange - There is moderate to heavy corrosion.	Floorbeam 53, in Bay 5, Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00186	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 53, Bay 5, south web, at connection to Lower Lateral Brace - There is a 3" high area of moderate corrosion.	Floorbeam 53, Bay 5, south web, at connection to Lower Lateral Brace - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00213	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 53, Top and Bottom Face, Bottom Flange, East Half - There are several up to 10" long x 5" wide areas of moderate corrosion and paint failure.	Floorbeam 53, Top and Bottom Face, Bottom Flange, East Half - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00214	OPEN
7	7	Superstructure/Truss	West Truss U53-L53, Interior Diaphragm - There are scattered areas of paint failure.					
7	7	Superstructure/Truss	East Truss, L53-U53 - There is a 2'-6" high area of scrapped off paint with surface corrosion.					
7	7	Superstructure/Truss	East Truss, Bottom Chord, at Splice north of B52 - There is a 4" long x 4" wide moderate corrosion with paint failure at the bottom west corner.	East Truss, Bottom Chord, at Splice north of B52 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00217	OPEN
7	7	Superstructure/Suspenders	West Truss, PP53 Suspender Cable, Lower Pin, North Face - There is minor corrosion at the nut and eye bar.	West Truss, PP53 Suspender Cable, Lower Pin, North Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00533	OPEN
7	7	Superstructure/Suspenders	West Truss, PP53 Suspender Cable - There is moderate paint loss throughout.					
7	7	Superstructure/Suspenders	West Truss, PP 53, Upper Hanger - There is minor corrosion on nut and eyebar.					



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7	7	Superstructure/Suspenders	West Truss, PP53, 3'-0" from Top, East Face - There is one (1) misaligned strand and a 3/16" gap on each side.					
7	7	Superstructure/Sway Bracing	West Truss, at U53, Top and Bottom Connection Plates - There is up to 1/4" pack rust.	West Truss, at U53, Top and Bottom Connection Plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00466	OPEN
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 53, Top and Bottom Connection Plates - There is moderate corrosion throughout and a 3" wide band of severe corrosion along the north edge adjacent to the floorbeam web. There is moderate debris accumulation on the top plate. Adjacent to web, intermittently along full-length there is 2" wide pack rust that pries up plate 1/2".	Suspended Roadway Lateral Brace, center connection at Floorbeam 53, Top and Bottom Connection Plates - Clean, paint and add filler as needed.		3	2013-BCZ472001 (S17-S19)-00165	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection at L53E, Top Plate - There is 3/8" pack rust for 3'-0" long causing plate to bend.	Lower Lateral Brace, connection at L53E, Top Plate - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00215	OPEN



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		59.PP 53- PP 54						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
6	6	Superstructure/Secondary Members	Fifth Median Support Diaphragm from Floorbeam 53, Top Flange and Web - There is heavy corrosion with an 8" long x 1" wide 100% section loss in the Top Flange and a 1" wide x 1/2" high corrosion hole and 1/8" diameter hole in the web.	Fifth Median Support Diaphragm from Floorbeam 53, Top Flange and Web - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00185	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringer 5 and 6, at Floorbeam 53, Bay 5, top face of web and bottom face of Top Flange - There is a 6" high x 6" wide area of minor corrosion.					
6	6	Superstructure/Floorbeams	Floorbeam 54, Web, east end - There is a 6" high x 4" wide area of moderate corrosion with paint failure.	Floorbeam 54, Web, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00334	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 54, top connection plate, Lower Lateral Bracing - There is moderate corrosion with paint failure.	Floorbeam 54, top connection plate, Lower Lateral Bracing - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00218	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 54, South Face, at the center connection to the Suspended Roadway Lateral Brace, bottom of Web - There is a 2'-10" long x 2 1/2" high area of failing paint with active surface corrosion.	Floorbeam 54, South Face, at the center connection to the Suspended Roadway Lateral Brace, top of the Bottom Flange and Web - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00335	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 54, Bay 5, Top and Bottom Flange - There is minor to moderate corrosion.	Floorbeam 54, Bay 5, Top and Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00384	OPEN
7	7	Superstructure/Truss	West Truss, at U53, Inboard Gusset Plate, Interior - There is paint failure at upper chord interface.					
7	7	Superstructure/Truss	West Truss, Bottom Chord, L53-L54, Handhole at L53 - There is bleeding rust from the handhole and moderate corrosion on the interior of the handhole.	West Truss, Bottom Chord, L53-L54, Handhole at L53 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00293	OPEN
7	7	Superstructure/Truss	East Truss, Upper Chord, at U53 handhole - The handhole screen is stuck open.	East Truss, Upper Chord, at U53 handhole - Replace handhole screen.		3	2023-BCZ472001 (S17-S19)-00385	OPEN



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7	7	Superstructure/Truss	East Truss, L53-U53, Interior Web, North Face - There is an 8" diameter area of paint failure and corrosion with up to 1/8" deep section loss.	East Truss, L53-U53, Interior Web, North Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00221	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, L53-L54, at L53, Interior - The top of the bottom plate has moderate corrosion with minor section loss at the south end of the handhole. The web has reactivating corrosion.	East Truss, Bottom Chord, L53-L54, at L53, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00493	OPEN
7	7	Superstructure/Suspenders	West Truss, PP54, Suspender Cable, 3'-0" below the Upper Pin - There is a 7" long x 1/4" bulging strand. FY 2023 Inspection: This defect was not observed.					
7	7	Superstructure/Suspenders	West Truss, PP54, Suspender Cable - There is minor corrosion on pin head and nut.					
7	7	Superstructure/Lateral bracing	Upper Lateral Bracing, U53W-U55E, Top Flange - There is paint failure with active corrosion throughout 10% of the surface area.	Upper Lateral Bracing, U53W-U55E, Top Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00310	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Bracing, Diagonal connection to B53, Bottom Flange - There is 1/8" pack rust.	Lower Lateral Bracing, Diagonal connection to B53, Bottom Flange - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00219	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Bracing, Bottom connection plate at Floorbeam 54 - There is intermittent 2" wide areas of pack rust bending the plate upward 1/2".	Lower Lateral Bracing, Bottom connection plate at Floorbeam 54 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00220	OPEN
		59.PP 54- PP 55						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
6	6	Superstructure/Secondary Members	Second Median Support Diaphragm from Floorbeam 54, Top Flange - There is full-length knife edging and two (2) up to 1 1/2" long x 1/2" wide areas of 100% section loss.	Second Median Support Diaphragm from Floorbeam 54, Top Flange - Analyze, clean and paint.		3	2023-BCZ472001 (S17-S19)-00092	OPEN
6	6	Superstructure/Secondary Members	Fifth Median Support Diaphragm from Floorbeam 54, Web - There is a 1" wide x 1/2" high area of 100% section loss and two (2) pinholes.	Fifth Median Support Diaphragm from Floorbeam 54, Web - Analyze, clean and paint.		3	2023-BCZ472001 (S17-S19)-00225	OPEN
6	6	Superstructure/Secondary Members	Fifth and Seventh Median Support Diaphragm from Floorbeam 54, Top Flange - There is heavy corrosion, knife-edging and up to 1" wide areas of 100% section loss.	Seventh Median Support Diaphragm from Floorbeam 54, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00187	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					



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7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 55, in Bay 5, Top flange - There is moderate corrosion.	Floorbeam 55, in Bay 5, Top flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00190	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 55, at center, Bottom Plate - There is intermittent 3" wide areas of pack rust that pries plate upward 1/4".	Floorbeam 55, at center, Bottom Plate - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00222	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 55, in Bay 5, at bottom of Web - There is an up to 4" high x 1'-6" long area of moderate corrosion.	Floorbeam 55, in Bay 5, at bottom of Web - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00223	OPEN
6	6	Superstructure/Truss	West Truss, M54-U55, Top Handhole at U55 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, M54-U55, Top Handhole at U55 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00061	OPEN
6	6	Superstructure/Truss	West Truss, at U55, Inboard Gusset Plate, East Edge - Gusset Plate exhibits an up to 1/4" dent over 1'-0" high.					



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6	6	Superstructure/Truss	West Truss, Suspended Roadway Bottom Chord, B54-B55, Bottom and East Faces, Field Splice Plates - There is minor corrosion emanating from the splice plates. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	West Truss, Suspended Roadway Bottom Chord, B54-B55, Bottom and East Faces, Field Splice Plates - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00333	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, M54-U55, Top Handhole at U55 - There is ponding water and corrosion bleeding from the hole.	East Truss, M54-U55, Top Handhole at U55 - Spot paint handhole.		3	2013-BCZ472001 (S17-S19)-00052	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, East Face at B55 - There is an up to 3'-3" long x up to full-height area of moderate corrosion with paint failure.	East Truss, Bottom Chord, East Face at B55 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00226	OPEN
7	7	Superstructure/Suspenders	East Truss, PP55, Suspender Cable, bottom 5'-0", north side - There is minor corrosion around bottom nut, and a 1/8" gap between the nut and bottom hanger.					
7	7	Superstructure/Suspenders	West Truss, PP55, Upper Hanger - There is a 1/4" gap between nut and eyebar.					



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7	7	Superstructure/Sway Bracing	West Truss, PP55, First Sway Brace above the roadway, connection angle - There are three (3) tack welds. Tack welds are typical in these locations. FY 2023 Inspection: This defect was not observed.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, West Diagonal, Bottom face of Bottom Flange, 15'-0" north of PP54 - There is a 6" diameter area of moderate corrosion with paint failure and moderate laminar corrosion.	Lower Lateral Brace, West Diagonal, Bottom face of Bottom Flange, 15'-0" north of PP54 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00224	OPEN
		59.PP 55- PP 56						
6	5	Superstructure/Secondary Members	Third and Seventh Median Support Diaphragms from Floorbeam 55, Top flange - There is heavy corrosion and knife-edging.	Third and Seventh Median Support Diaphragms from Floorbeam 55, Top flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00046	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					



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6	6	Superstructure/Floorbeams	Floorbeam 56, in Bay 5, Top and Bottom Flange - There is moderate corrosion.	Floorbeam 56, in Bay 5, Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00196	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 56, South Face, in Bay 6, Top Flange - There are three (3) broken bolts. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 56, South Face, in Bay 6, Top Flange - Replace the broken bolts. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2015-BCZ472001 (S17-S19)-00020	CLOSE-CONSULTANT
6	6	Superstructure/Floorbeams	Floorbeam 56, South Face, in Bay 7, Top of Bottom Flange - There is a 1'-6" long area of 1/4" deep painted over section loss. FY 2023 Inspection: This defect was not observed.					
6	6	Superstructure/Floorbeams	Floorbeam 56, east end, Top Flange - There is moderate corrosion on the shim plates between the floorbeam and the embedded plate for the parapet causing the Top Flange to deflect downward 1/4".	Floorbeam 56, east end, Top Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00197	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 56, connection to the East Truss - The plate is deformed 1/2" due to pack rust. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 56, connection to the East Truss - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00191	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	West Truss, U55-M56, Top Handhole at M56 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. Pigeon screen is stuck in the open position.	West Truss, U55-M56, Top Handhole at M56 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00062	OPEN
6	6	Superstructure/Truss	East Truss, Upper Chord, Diaphragm, web and bottom flange at U55 handhole - There are areas of paint failure.					
6	6	Superstructure/Truss	East Truss, U55-M56, Top Handhole at U55 - There is ponding water and corrosion bleeding from the hole. There is paint failure and minor corrosion at bottom edge.	East Truss, U55-M56, Top Handhole at U55 - Spot paint handhole.		3	2013-BCZ472001 (S17-S19)-00053	OPEN
6	6	Superstructure/Truss	East Truss, L56-M56, 5'-0" above L56, East Flange, West Face - There is a full-width x 4" high area of peeling paint and minor corrosion.	East Truss, L56-M56, 5'-0" above L56, East Flange, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00494	OPEN



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6	6	Superstructure/Truss	East Truss, U55-U57, at U55 handhole - The handhole does not fully close. There is minor debris on the bottom flange and areas of paint failure on the top and bottom flange on the interior face. There are up to 6" diameter areas of paint failure on the exterior face.	East Truss, U55-U57, at U55 handhole - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00387	OPEN
7	7	Superstructure/Suspenders	West and East Truss, PP56 Suspender Cable, Lower Pin - There is light to moderate corrosion between the pin plates and the cast clevice device. This is a typical condition for all hangers throughout the suspended span.	East Truss, PP56 Suspender Cable, Lower Pin - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00192	OPEN
7	7	Superstructure/Suspenders	East Truss, PP56, Suspender Cable - There are multiple bulging strands along full-height and minor laminar corrosion on the west face of connection plate for bottom hanger.					
7	7	Superstructure/Suspenders	West Truss, PP56, Upper Hanger - There is paint failure and moderate corrosion on nut.	West Truss, PP56, Upper Hanger Nut - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00388	OPEN



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 56, Top Connection Plate, east end - There is 1/4" of pack rust and adjacent there is a 4" long x 3" wide area of moderate corrosion on the bottom face. There is a 3" wide band of moderate corrosion.	Suspended Roadway Lateral Brace, center connection at Floorbeam 56, Top Connection Plate, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00193	OPEN
6	6	Superstructure/Lateral bracing	Upper Lateral Bracing, U55E-U57W, Top Flange - There is paint failure with active corrosion throughout 10% of the surface area.					
		59.PP 56- PP 57						
5	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
5	6	Superstructure/Secondary Members	Second Median Support Diaphragm from Floorbeam 56, Top Flange - There is moderate corrosion, knife-edging and the web has a 1" high x 1 1/2" wide corrosion hole.	Second Median Support Diaphragm from Floorbeam 56, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00194	OPEN



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5	6	Superstructure/Secondary Members	Fourth Median Support Diaphragm from Floorbeam 56, Top and Bottom Flange - There is moderate corrosion with laminar corrosion. There is an 8" long x 1" wide area of 100% section loss in the top flange and three (3) up to 1/2" diameter holes in the web.	Fourth Median Support Diaphragm from Floorbeam 56, Top and Bottom Flange - Clean, paint and plate or replace the member.		3	2023-BCZ472001 (S17-S19)-00230	OPEN
5	6	Superstructure/Secondary Members	Seventh and Eighth Median Support Diaphragms from Floorbeam 56, Top and Bottom Flange - There is moderate corrosion and knife-edging. There is a 1 1/2" wide x 1/2" high area of moderate corrosion in the web of the seventh median support diaphragm.	Seventh and Eighth Median Support Diaphragm from Floorbeam 56 - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00195	OPEN
5	6	Superstructure/Secondary Members	Ninth Median Support Diaphragm From Floorbeam 56, Web - There is a 3'-0" long x 8" high area of intermittent 100% section loose (2"-3" wide) that wraps around the vertical median connection plate.	Ninth Median Support Diaphragm From Floorbeam 56 - Clean, paint and plate or replace the member.	80	3	2023-BCZ472001 (S17-S19)-00231	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					



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5	5	Superstructure/Joints	PP 57 Joint - There is moderate cracking and tears of the joint seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below deck.	PP57, Compression Seal - Replace the compression joint seal.	81	2	2013-BCZ472001 (S17-S19)-00137	OPEN
5	5	Superstructure/Joints	PP57 Joint - The northbound joint is open 2" at 48°F. The southbound joint is open 1 3/4" at 45°F.					
5	5	Superstructure/Joints	PP57 Joint, Southbound - The joint seal is raised up to 1" above the deck.					
6	6	Superstructure/Bearings	Floorbeam 57, Stringer Bearings, Typical - There is minor corrosion throughout. There is moderate corrosion at the Stringer 5 and 6 Bearings.	Floorbeam 57, Stringer Bearings, Typical - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00336	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringers 5 and 6, at Floorbeam 57, Bay 5, Web and Top Face of Bottom Flange - There is 2'-6" long x full-width area of moderate corrosion with paint failure and moderate laminar corrosion.	Stringers 5 and 6, at Floorbeam 57, Bay 5, Web and Top Face of Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00232	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 57, North Face, in Bay 5, Top Flange - There is heavy corrosion and moderate laminar corrosion. There is a 2'-0" long x 1" wide area with 1/4" section loss.	Floorbeam 57, North Face, in Bay 5, Top Flange - Clean and paint.	82	3	2019-BCZ472001 (S17-S19)-00200	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 57, North Face, in Bay 5, Top Flange, Median Bulkhead Connection Angle - There is heavy corrosion and the bolt heads exhibit 25% section loss.	Floorbeam 57, North Face, in Bay 5, Top Flange, Median Bulkhead Connection Angle - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00201	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 57, Top Face of Bottom Flange, 12'-0" from east end - There is a 3'-0" long x full-width x 1/4" deep area of section loss. There are four (4) up to 6" diameter areas of section loss within 6'-0" of the east end.	Floorbeam 57, Top Face of Bottom Flange, 12'-0" from east end - Analyze, clean and paint.		3	2023-BCZ472001 (S17-S19)-00227	OPEN
7	7	Superstructure/Truss	West Truss, L57-U57, Interior - There is minor corrosion with paint failure over 10% of surface area.					
7	7	Superstructure/Truss	West Truss, L57-U57, South Face - There is typical paint failure.					
7	7	Superstructure/Truss	West Truss, at L57, Inboard Gusset Plate, Exterior - There is 1 SF area of minor corrosion with paint failure.					



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7	7	Superstructure/Truss	East Truss, M56-L57, Second Handhole at M56 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed.	East Truss, M56-L57, Second Handhole at M56 - Clean handhole of debris and paint. Replace the drain apron.		3	2019-BCZ472001 (S17-S19)-00495	OPEN
7	7	Superstructure/Truss	East Truss, Outboard Gusset Plate, at B57 - The gusset plate is bending out 1/4" at the bottom from 3" high pack rust.	East Truss, Outboard Gusset Plate, at B57 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00238	OPEN
7	7	Superstructure/Suspenders	East Truss, PP57, Top of Suspender Cable - There is paint failure.					
7	7	Superstructure/Suspenders	East Truss, B57, Bottom 3'-0" - There is paint failure.					
7	7	Superstructure/Suspenders	West Truss, PP57, Upper Hanger - There is a 3/16" gap between the nut and eyebar. The eyebar exhibits minor corrosion.					
7	7	Superstructure/Suspenders	West Truss, B57, Lower Hanger - There is minor corrosion at pin head and nut.					
7	7	Superstructure/Sway Bracing	Sway Bracing Connection Plate, South Face - There is 1/16" deep painted over pitting.					



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6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the West Truss, at B56, Bottom Connection Plates - There is 1/2" pack rust for 4" long which is bending upward the east bottom flange of diagonal.	Suspended Roadway Lateral Brace, connection to the West Truss, at B56, Top and Bottom Connection Plates - Clean, paint and add filler as needed.		3	2015-BCZ472001 (S17-S19)-00044	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L57, Top Connection Plate - There is 3/16" pack rust deforming the connection plate.	Lower Lateral Brace, connection to the East Truss, at L57, Bottom Connection Plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00013	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, Diagonal connection to East Truss, at B56 - There is 1/4" pack rust along bottom flange.	Lower Lateral Brace, Diagonal connection to East Truss, at B56 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00229	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to Floorbeam 57, West Edge of Bottom Plate - There is moderate corrosion with paint failure, moderate laminar corrosion and heavy debris accumulation. There is moderate laminar corrosion on the bolt heads.	Lower Lateral Brace, connection to Floorbeam 57, West Edge of Bottom Plate - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00228	OPEN
		59.PP 57- PP 58						
6	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					



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6	6	Superstructure/Secondary Members	Second and Seventh Median Support Diaphragms from Floorbeam 57, Top Flange - There is knife-edging with up to 100% section loss. There is minor laminar corrosion.	Second and Seventh Median Support Diaphragms from Floorbeam 57, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00199	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 58, Bottom Face, 10'-0" from East End - There is a 4" diameter area of moderate corrosion and paint failure.	Floorbeam 58, Bottom Face, 10'-0" from East End - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00233	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 58, Top of Bottom Flange, Below Stringer 2 - There is a 1'-0" long x 6" wide x 1/4" deep area of painted over section loss.					



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7	7	Superstructure/Floorbeams	Floorbeam 58, Bay 5, South Face of Top Flange - There are two (2) up to 6" long x 3" wide areas of moderate corrosion at missing clips. There are four (4) up to 6" long x 3" wide areas of moderate corrosion at missing clips on the North face of the Top Flange.	Floorbeam 58, Bay 5, South Face of Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00234	OPEN
6	7	Superstructure/Truss	West Truss, Upper Suspender Hanger Plate, East Face - There is one (1) nut with a 1/4" gouge.					
6	7	Superstructure/Truss	West Truss, Upper Strut, at U57, Top Flange - There is a missing nut.					
6	7	Superstructure/Truss	East Truss, U57-U59, handhole at U57 - Handhole does not close.					
6	7	Superstructure/Truss	East Truss, U57-U59, Bottom of Upper Chord - There is minor corrosion with paint failure.					
6	7	Superstructure/Truss	East Truss, L57-M58, Top Handhole at M58 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, L57-M58, Top Handhole at M58 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00055	OPEN



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6	7	Superstructure/Truss	East Truss, Cable Hanger to East Truss connection plate, at bottom - There is a full-width (2'-0") x 4" high area of moderate corrosion, paint failure and minor laminar corrosion.	East Truss, Cable Hanger to East Truss connection plate, at bottom - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00236	OPEN
7	7	Superstructure/Suspenders	West and East Truss, PP58 Suspender Cable, Lower Pin - There is minor to moderate corrosion between the eyebar and connection plate.	East Truss, PP58 Suspender Cable, Lower Pin - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00337	OPEN
7	7	Superstructure/Suspenders	East Truss, B58 Suspender Cable, Bottom 2'-0" - There is paint failure.					
7	7	Superstructure/Suspenders	East Truss, PP58 Suspender Cable - There is minor paint failure throughout, minor bulging strands and an up to 1/16" gap.					
7	7	Superstructure/Suspenders	West Truss, PP58 - Upper Hanger - There is paint failure and minor corrosion on the eyebar.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, Typical - There are minor areas of failed paint and active corrosion left from paint rigging.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L58, Top and Bottom Connection Plates - There are a total of eight (8) tack welds on the connection plates.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to East Truss, at L58 - There is 3/16" pack rust for 2'-6" long which causes top plate to bend.	Lower Lateral Brace, connection to East Truss, at L58 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00235	OPEN
		59.PP 58- PP 59						
5	5	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
5	5	Superstructure/Secondary Members	First, Third, Sixth, Seventh and Eighth Median Support Diaphragms from Floorbeam 58, Top and Bottom Flange - There is moderate corrosion with knife edging.	First, Third, Sixth, Seventh and Eighth Median Support Diaphragms from Floorbeam 58, Top Flange - Clean, paint and plate or replace the member.		3	2019-BCZ472001 (S17-S19)-00202	OPEN



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5	5	Superstructure/Secondary Members	Fourth Median Support Diaphragm from Floorbeam 58, Top and Bottom Flange - There is heavy corrosion with paint failure and heavy laminar corrosion. There is a 2'-6" long x up to 1" wide area of 100% section loss on the Top Flange. There is a 2" high x 3/4" wide hole with 100% section loss in the web.	Fourth Median Support Diaphragm from Floorbeam 58, Top and Bottom Flange - Clean, paint and plate or replace the member.	83	3	2023-BCZ472001 (S17-S19)-00240	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 59, Bay 5, Top Flange - There are four (4) up to 6" long x 3" wide areas of moderate corrosion at missing clips on the South Face of Top Flange. There are two (2) up to 6" long x 3" wide areas of moderate corrosion at missing clips on the North Face of Top Flange.	Floorbeam 59, Bay 5, Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00239	OPEN



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7	7	Superstructure/Truss	West Truss, M58-U59, Top Handhole at U59 - There is evidence of ponding water and corrosion bleeding from the hole.	West Truss, M58-U59, Top Handhole at U59 - Spot paint handhole.	3	2013-BCZ472001 (S17-S19)-00063	OPEN
7	7	Superstructure/Truss	West Truss, L59-U59, at L59, Interior - There is an 8'-0" long area of peeling paint and minor corrosion on all faces.	West Truss, L59-U59, at L59, Interior - Clean and paint.	3	2019-BCZ472001 (S17-S19)-00472	OPEN
7	7	Superstructure/Truss	East Truss, at U59, Outboard and Inboard Gusset Plates, Interior - There is paint failure.	East Truss, at U59, Outboard and Inboard Gusset Plates, Interior - Clean and paint.	3	2023-BCZ472001 (S17-S19)-00390	OPEN
7	7	Superstructure/Truss	East Truss, M58-L59, East Face - There is a full-length x full-width area of peeling paint and areas of surface corrosion.	East Truss, M58-L59, East Face - Clean and paint.	3	2021-BCZ472001 (S17-S19)-00294	OPEN
7	7	Superstructure/Truss	East Truss, Bottom Chord, North of B58, Top and Bottom Edges, West Face - There is a 2'-6" long x 2" wide area of moderate corrosion with paint failure and minor laminar corrosion.	East Truss, Bottom Chord, North of B58, Top and Bottom Edges, West Face - Clean and paint.	3	2023-BCZ472001 (S17-S19)-00241	OPEN
7	7	Superstructure/Truss	East Truss, Outboard Gusset Plate, at B59 - The gusset plate is bending out 3/8" at the bottom from 3" high pack rust.	East Truss, Outboard Gusset Plate - Clean, paint and add filler as needed.	3	2023-BCZ472001 (S17-S19)-00237	OPEN



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7	7	Superstructure/Suspenders	West Truss, PP59 Suspender Cable, Upper Pin - There is an abandoned rigging cable. There is minor corrosion and paint failure on the upper hanger.	PP 59 Suspender Cable, Upper Pin - Remove the rigging cable.		3	2015-BCZ472001 (S17-S19)-00062	OPEN
7	7	Superstructure/Suspenders	East Truss, PP59 Suspender Cable - There are random areas of paint failure.					
7	7	Superstructure/Sway Bracing	No defects noted.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L59, Top and Bottom Connection Plates - There are a total of eight (8) tack welds on the connection plates. FY 2023 Inspection: This defect was not observed.					
		59.PP 59- PP 60						
7	6	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					



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7	6	Superstructure/Secondary Members	First Median Support Diaphragm, from Floorbeam 59 - There are three (3) up to 1 1/2" wide x up to 1/2" high holes in the web with an associated 2 3/8" long horizontal crack. There is intermittent knife edging in the top flange.	First Median Support Diaphragm, from Floorbeam 59 - Clean, paint and plate or replace the member.	84	3	2023-BCZ472001 (S17-S19)-00389	OPEN
7	6	Superstructure/Secondary Members	Second Median Support Diaphragm, from Floorbeam 59, Top Flange - There is intermittent knife edging and a 7" long x 3/4" wide area of 100% section loss. There is a 2 1/2" long x 3/4" high hole in the web.	Second Median Support Diaphragm, from Floorbeam 59, Top Flange - Clean, paint, and plate or replace member.		3	2023-BCZ472001 (S17-S19)-00243	OPEN
7	6	Superstructure/Secondary Members	Third and Eighth Median Support Diaphragms, from Floorbeam 59, Top and Bottom Flange - There is moderate laminar corrosion.	Third and Eighth Median Support Diaphragms, from Floorbeam 59, Top and Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00244	OPEN
7	6	Superstructure/Secondary Members	Fourth Median Support Diaphragm, from Floorbeam 59, Top Flange - There is moderate laminar corrosion and a 2'-3" long x 3/4" wide area of 100% section loss. There are five (5) 1 1/2" long x 1/4" high holes in the web.	Fourth Median Support Diaphragm, from Floorbeam 59, Top Flange - Clean, paint, and plate or replace member.		3	2023-BCZ472001 (S17-S19)-00245	OPEN



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7	6	Superstructure/Secondary Members	Fifth Median Support Diaphragm, from Floorbeam, 59, Top Flange - There is moderate laminar corrosion and 2'-6" long knife edging. There are three (3) up to 4" long x up to 1 1/2" high holes in the web.	Fifth Median Support Diaphragm, from Floorbeam, 59, Top Flange - Clean, paint, and plate or replace member.		3	2023-BCZ472001 (S17-S19)-00246	OPEN
7	6	Superstructure/Secondary Members	Seventh Median Support Diaphragm, from Floorbeam 59, Top Flange - There is a 6" long x 1/2" wide area of 100% section loss. There are four (4) up to 1/2" diameter holes in the web.	Seventh Median Support Diaphragm, from Floorbeam 59, Top Flange - Clean, paint, and plate or replace member.		3	2023-BCZ472001 (S17-S19)-00247	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 60, South Face, Top Flange - There are three (3) 6" long x 3" wide areas of moderate corrosion. There is one (1) 6" long x 3" wide area of moderate corrosion on the north face of top flange. There is random up to 2'-0" long x up to full-width areas of minor corrosion with bubbling paint along the full-length of the bottom flange.	Floorbeam 60, South Face, Top Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00242	OPEN
6	6	Superstructure/Truss	West Truss, U59-U61, Top Handhole at U59 - There is evidence of ponding water and corrosion bleeding from the hole. There is flaking/bubbling paint debris.	West Truss, U59-U61, Top Handhole at U59 - Clean handhole of debris and paint.		3	2019-BCZ472001 (S17-S19)-00534	OPEN
6	6	Superstructure/Truss	East Truss, Upper Chord, at U59 - There is 4" long remnant weld material at interface of butting top flange plates.					
6	6	Superstructure/Truss	East Truss, U59-U61, Bottom of Upper Chord - There is minor corrosion with paint failure.					



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6	6	Superstructure/Truss	East Truss, U59-M58, East Web - There is minor corrosion with paint failure at lower east corner and top of diagonal. There is minor debris accumulation, paint failure and minor pack rust at second portal below M58.					
6	6	Superstructure/Truss	East Truss, L59-M60, Top Handhole at M60 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT. However, there is still corrosion bleeding down this member from the hole.	East Truss, L59-M60, Top Handhole at M60 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT. However, there is still corrosion bleeding down this member from the hole.		3	2013-BCZ472001 (S17-S19)-00056	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, Bottom Chord, L59-60, Bottom Face - There is minor corrosion with isolated areas of paint failure and bleeding corrosion.					
6	6	Superstructure/Suspender	West Truss, PP60 Suspender Cable, Lower Pin - There is moderate surface corrosion at the base of the nut and connection.	West Truss, PP60 Suspender Cable, Lower Pin - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00054	OPEN



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6	6	Superstructure/Suspenders	West Truss, PP60 Suspender Cable, Upper Pin - There is 1/16" pack rust at the base of the pin head at the west edge for 3" long and moderate corrosion in the eyebar.	West Truss, PP60 Suspender Cable, Upper Pin - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00203	OPEN
6	6	Superstructure/Suspenders	East Truss, PP60 Suspender Cable - There is random paint failure along full-height.					
6	6	Superstructure/Suspenders	East Truss, PP60 Suspender Cable, South Face - There is minor laminar corrosion at the top hanger between nut and eyebar, and between eyebar and plate.					
	6	Superstructure/Lateral bracing	Upper Lateral Bracing, U59E-U59W, Mid-level Strut, Top - There is ponding water.					
	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, center connection at Floorbeam 60, Bottom Connection Plate - There is moderate corrosion on the north edge adjacent to the floorbeam web. There is up to full-length x 3" wide pack rust causing the plate to bend upward 1/2".	Suspended Roadway Lateral Brace, center connection at Floorbeam 60, Bottom Connection Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00204	OPEN



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	6	Superstructure/Lateral bracing	Lower Lateral Bracing, East Diagonal, South Half, East Face, Web and Top Face of Bottom Flange - There is intermittent 1/16" to 3/16" deep areas of painted over pitting. There is a 6" long x 6" wide x 1/8" deep area of painted over pitting on the bottom face of bottom flange.					
		59.PP 60- PP 61						
5	5	Superstructure/Secondary Members	Median Support Diaphragm, Typical - There is corrosion bleeding and scattered minor surface corrosion.					
5	5	Superstructure/Secondary Members	Third, Fourth, and Seventh Median Support Diaphragms from Floorbeam 60 , Top and Bottom Flange - There is moderate corrosion with intermittent areas of up 1/2" section loss.	Third, Fourth, and Seventh Median Support Diaphragms from Floorbeam 60 , Top and Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00250	OPEN
5	5	Superstructure/Secondary Members	Fifth Median Support Diaphragm from Floorbeam 60 - There is heavy corrosion with paint failure, moderate laminar corrosion and knife edging.	Fifth Median Support Diaphragm from Floorbeam 60 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00251	OPEN



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5	5	Superstructure/Secondary Members	Ninth Median Support Diaphragm from Floorbeam 60, Top and Bottom Flange - There is heavy corrosion, knife edging and areas up to full-width of full-length up to 100% section loss. There is a 3'-3" long x 3" to 8" high area of 100% section loss in the web adjacent to the east side of the parapet bulkhead plate in the top flange.	Ninth Median Support Diaphragm from Floorbeam 60, Top Flange - Replace the member.	85	2	2019-BCZ472001 (S17-S19)-00047	OPEN
5	5	Superstructure/Joints	PP61 Joint - The northbound joint is open 2" at 48°F. The southbound joint is open 2" at 45°F.					
5	5	Superstructure/Joints	PP61 Joint, Southbound Right Shoulder - There is moderate cracking and tears of the joint seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below deck.	PP61 Compression Seal, Southbound Right Shoulder - Replace the seal.	86	2	2013-BCZ472001 (S17-S19)-00138	OPEN
5	5	Superstructure/Joints	PP61 Joint - The north side of the southbound joint is up to 1" higher than the south side.					
7	7	Superstructure/Bearings	Floorbeam 61, Stringer 10, Bearing Pad - The pad is shifted slightly west.					
7	7	Superstructure/Utilities	No defects noted.					



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7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	Stringers 5 and 6, Bay 5 - There is a 6" long area of moderate corrosion on the top face of the bottom flange and a 3" high area of moderate corrosion on the web.	Stringers 5 and 6, Bay 5 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00248	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 61, South Face, West Half, Top Flange - 50% of the bolts embedded into deck are sheared off: two (2) in Bay 1, three (3) in Bay 2, five (5) in Bay 3, and one (1) in Bay 4.	Floorbeam 61, South Face, West Half, Top Flange - Replace the bolts.		3	2013-BCZ472001 (S17-S19)-00117	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 61, South Face, Bay 7, Top Flange - There are two (2) sheared connection plate bolts.	Floorbeam 61, South Face, Bay 7, Top Flange - Replace the bolts.		3	2017-BCZ472001 (S17-S19)-00056	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 61, South Face, Bay 8, Top Flange - There are three (3) sheared connection plate bolts.	Floorbeam 61, South Face, Bay 8, Top Flange - Replace the bolts.		3	2017-BCZ472001 (S17-S19)-00057	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 61, South Face, Bay 9, Top Flange - There is one (1) sheared connection plate bolt.	Floorbeam 61, South Face, Bay 9, Top Flange - Replace the bolt.		3	2017-BCZ472001 (S17-S19)-00058	OPEN



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5	5	Superstructure/Floorbeams	Floorbeam 61, bottom face of Bottom Flange - There is up to 6" diameter area of moderate corrosion with paint failure and minor laminar corrosion along the full-length.	Floorbeam 61, bottom face of Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00252	OPEN
6	6	Superstructure/Truss	West Truss, at U61, Outboard and Inboard Gusset Plates, Interior - There is a 1'-6" wide x 3" high area of paint failure.					
6	6	Superstructure/Truss	West Truss, U61-U63, Handhole at U61 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. There is paint failure and heavy flaking corrosion on bottom plate of upper chord member.	West Truss, U59-U61, Handhole at U61 - Clean handhole of debris and paint.		3	2019-BCZ472001 (S17-S19)-00471	OPEN
6	6	Superstructure/Truss	West Truss, M60-U61, Top Handhole at U61 -There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, M60-U61, Top Handhole at U61 - Clean handhole of debris and paint. Replace the drain apron.		3	2019-BCZ472001 (S17-S19)-00482	OPEN
6	6	Superstructure/Truss	West Truss, L61-U61, Interior Diaphragm - There is paint failure and minor corrosion throughout.					



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6	6	Superstructure/Truss	West Truss, L61-U61, Interior - There is scattered paint failure with minor corrosion about 2% of surface.	West Truss, L61-U61, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00207	OPEN
6	6	Superstructure/Truss	West Truss, at L61, Inboard Gusset Plate, Interior - There are several up to 6" diameter areas of minor corrosion with paint failure.	West Truss, at L61, Inboard Gusset Plate, Interior - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00403	OPEN
6	6	Superstructure/Truss	West Truss, Suspended Roadway Bottom Chord, B60-B61, Field Splice - There is minor surface corrosion.	West Truss, Suspended Roadway Bottom Chord, B60-B61, Field Splice - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00206	OPEN
6	6	Superstructure/Truss	West Truss, Suspended Roadway Bottom Chord, B60-B61, at the Field Splice - The bottom chord members are 1/2" vertically misaligned.					
6	6	Superstructure/Truss	West Truss, Suspended Roadway Bottom Chord, B60-B61, at B61, East Web - There is a 4 1/4" long x 1 3/4" wide x 5/16" deep area of painted over section loss. Corrosion is reactivating. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	West Truss, Suspended Roadway Bottom Chord, B60-B61, at B61, East Web - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00338	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	West Truss, Suspended Roadway Bottom Chord, at B61, vertical webs, interfaces - There is an up to 1'-6" long x up to 6" high area of moderate corrosion and minor laminar corrosion.	West Truss, Suspended Roadway Bottom Chord, at B61, vertical webs, interfaces - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00253	OPEN
6	6	Superstructure/Truss	West Truss, Suspended Roadway Bottom Chord, at B61 - The handhole exhibits moderate corrosion around the edges of opening and grate is not flush.					
6	6	Superstructure/Truss	East Truss, at U61, Outboard Gusset Plate, Exterior - There is a 3'-0" high x 2'-0" wide area of minor corrosion with paint failure.	East Truss, at U61, Outboard Gusset Plate, Exterior - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00404	OPEN
6	6	Superstructure/Truss	East Truss, L61-U61, North Face, Interior Diaphragm - There is minor corrosion and paint failure.					
6	6	Superstructure/Truss	East Truss, M60-U61, Top Handhole at U61 - There is minor debris collecting at diaphragm with evidence of water ponding and corrosion bleeding from hole.	East Truss, M60-U61, Top Handhole at U61 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00057	OPEN



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6	6	Superstructure/Truss	East Truss, U61-M61, East Face of East Plate - There is paint failure with minor corrosion along edges.					
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L60, Bottom Face, over the Upper Hanger Connection - There is a 3'-0" long x 3'-0" wide area of failing paint with active surface corrosion.	East Truss, Bottom Chord, at L60, Bottom Face, over the Upper Hanger Connection - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00208	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L60-L61, Bottom Face - There is minor corrosion with isolated areas of paint failure and bleeding rust.	East Truss, Bottom Chord, L60-L61, Bottom Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00209	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Roadway Bottom Chord, B60-B61, Field Splice - There is minor corrosion stains. There is a 3/4" gap between the pin connection plate and bottom chord on the east face. The east and west washer plates rattle under live load.	East Truss, Suspended Roadway Bottom Chord, B60-B61, Field Splice - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00205	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Roadway Bottom Chord, B60-B61, Interior Bottom Face - There is freckled corrosion on the interior diaphragm.	East Truss, Suspended Roadway Bottom Chord, B60-B61, Interior Bottom Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00210	OPEN



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6	6	Superstructure/Truss	East Truss, Suspended Roadway Bottom Chord, B60-B61, at B61, Interior - The bird screen hinges are heavily corroded and broken.	East Truss, Suspended Roadway Bottom Chord, B60-B61, at B61, Interior - Replace the bird screen hinges.		3	2019-BCZ472001 (S17-S19)-00211	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Roadway Bottom Chord, B60-B61, at B61, Interior - The bottom surface of the bottom plate exhibits moderate corrosion with paint failure and moderate laminar corrosion with a general 1/8" painted over pitting around the perimeter of the handhole opening. The lower 5" of the bottom chord vertical plates also exhibit heavy corrosion scale with moderate laminar corrosion.	East Truss, Suspended Roadway Bottom Chord, B60-B61, at B61, Interior - Clean and paint.		3	2017-BCZ472001 (S17-S19)-00055	OPEN
7	7	Superstructure/Suspenders	East Truss, PP61 Suspender Cable, Top Hanger - There is bleeding corrosion emanating from the hanger and isolated moderate corrosion with minor laminar corrosion at the top and bottom hanger.					
7	7	Superstructure/Sway Bracing	First Sway Brace above the Roadway, connection to the East Truss, at PP61, Bottom Connection Angles - There is 1/4" painted over pack rust.					



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6	6	Superstructure/Lateral bracing	Floorbeam 61, Shear Tongue - The top surfaces of the upper and lower plates of the fixed shear tongue, shear tongue plate, and pin assembly at the centerline of Floorbeam 61 (south side) exhibit paint failure and painted over pitting up to 1/4" deep. There is moderate active corrosion. There is minor to heavy debris accumulation on the top plates and on the top surface of the longitudinal tongue.	Floorbeam 61, Shear Tongue - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00168	OPEN
6	6	Superstructure/Lateral bracing	PP61 Wind Shear Tongue, Bottom Connection Plate - There is moderate laminar corrosion along the edges of the connection.					
6	6	Superstructure/Lateral bracing	Suspended Roadway Lateral Brace, connection to the East Truss, at B60, top of Top Connection Plate - There is isolated failing paint with active corrosion.	Suspended Roadway Lateral Brace, connection to the East Truss, at B60, Underside - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00340	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, Diagonal to East Truss - There is pack rust along the full-width causing up to 1/4" bending of the connection plate.	Lower Lateral Brace, Diagonal to East Truss - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00249	OPEN



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59.PP 61- PP 62								
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 62, connection to the East Truss, North Vertical Connection Angle - The lower 4" is pryed outward 1/4" due to pack rust.	Floorbeam 62, connection to the East Truss, North Connection Angle - Clean, paint, and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00483	OPEN
6	6	Superstructure/Truss	West Truss, L61-M62, Field Splice at M62, South Splice Plate - There is corrosion bleeding from the splice plate.					
6	6	Superstructure/Truss	West Truss, at L61, Inboard Gusset Plate, Interior - There are several up to 6" diameter areas of minor corrosion with paint failure.					



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6	6	Superstructure/Truss	West Truss, L61-M62, second from Top Handhole at M62 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, L61-M62, Top Handhole at M62 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00064	OPEN
6	6	Superstructure/Truss	West Truss, Suspended Roadway Bottom Chord, B61-B62, Handhole at B61 - There is moderate laminar corrosion around opening with minor section loss and the bird grate is stuck open.	West Truss, Suspended Roadway Bottom Chord, B61-B62, Handhole at B61 - Clean handhole of debris and paint. Ensure the bird grate will close.		3	2019-BCZ472001 (S17-S19)-00345	OPEN
6	6	Superstructure/Truss	West Truss, Suspended Roadway Bottom Chord, B61-B62, Interior Web Faces - There is up to 6" high x up to 4'-0" long areas of moderate corrosion with paint failure and moderate laminar corrosion.	West Truss, Suspended Roadway Bottom Chord, B61-B62, Interior Web Faces - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00255	OPEN
6	6	Superstructure/Truss	East Truss, L61-M62, Top Handhole at M62 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, L61-M62, Top Handhole at M62 - Clean handhole of debris and paint.		3	2021-BCZ472001 (S17-S19)-00295	OPEN



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6	6	Superstructure/Truss	East Truss, at L62, Inboard Gusset Plate, West Face - There are a few up to 9" diameter patches of moderate blistering corrosion scale.	East Truss, at L62, Inboard Gusset Plate, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00341	OPEN
6	6	Superstructure/Truss	East Truss, at L62, Inboard and Outboard Gusset Plate, both faces - There are areas of failing paint with active corrosion and corrosion staining for 5% of the exposed face and isolated 1/16" pitting.	East Truss, at L62, Inboard Gusset Plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00298	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Roadway Bottom Chord, L61-L62, at L62, Interior, Top Plates - There are two (2) 4" diameter areas of moderate corrosion.	East Truss, Bottom Chord, L61-L62, at L62, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00344	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Roadway Bottom Chord, at B61 - The bird grate is stuck open close and the surrounding area exhibits moderate corrosion with paint failure and moderate laminar corrosion.	East Truss, Suspended Roadway Bottom Chord, B61-B62 - Clean and paint. Ensure the bird grate will close.		3	2019-BCZ472001 (S17-S19)-00339	OPEN
6	6	Superstructure/Truss	East Truss, Suspended Roadway Bottom Chord, B61-B62, top face of Bottom Plate and Interior faces of Vertical Plates - There are 5" high areas of moderate corrosion.	East Truss, Suspended Roadway Bottom Chord, B61-B62, top face of Bottom Plate and Interior faces of Vertical Plates - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00256	OPEN



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6	6	Superstructure/Lateral bracing	Floorbeam 62, Shear Tongue Assembly - There is 1/8" pack rust between the horizontal legs of the two pairs of back-to-back angles attached to the shear tongue and the bottom horizontal gusset plate and moderate laminar corrosion along edges.	Floorbeam 62, Shear Tongue Assembly - Clean, paint, and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00342	OPEN
6	6	Superstructure/Lateral bracing	Floorbeam 62, Shear Tongue Assembly, West Face - There is a 6" high area of moderate corrosion. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 62, Shear Tongue Assembly, West Face - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00296	CLOSE-CONSULTANT
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, L62W-L62E, South Face: There is a full-length band of 1/16" deep painted over pitting on the lower 2" of the web.					



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6	6	Superstructure/Lateral bracing	Floorbeam 62, connection to the East Truss, underside of the structural Tee - There is up to 6" long x up to 1'-0" wide x up to 3/16" deep area of painted over pitting. Near the south end of this location there are three (3) connection bolts that have moderate laminar corrosion and a 6" diameter x up to 3/16" deep area of painted over pitting.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, L62W-L62E, connection to the East Truss - There is minor pack rust between connection angle on the south side of the lateral strut at the connection to the inboard vertical gusset plate and moderate delamination of steel.	Lower Lateral Brace, L62W-L62E, connection to the East Truss - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00343	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, Longitudinal Brace between Floorbeam 61 and 62, Underside, North End - There is a 6" long x full-width (2'-2") area of moderate corrosion.	Lower Lateral Brace, Longitudinal Brace between Floorbeam 61 and 62, Underside, North End - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00254	OPEN
		59.PP 62- PP 63						
7	7	Superstructure/Secondary Members	No defects noted.					



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6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strangers	No defects noted.					
7	7	Superstructure/Floorbeams	No defects noted.					
6	6	Superstructure/Truss	West Truss, at U63, Gusset - There is minor corrosion with paint failure, and minor corrosion to bolt heads and steel corners. There is a 1'-0" long x up to 1/2" out of plane bending to gusset plate stiffener leg. There is minor corrosion with paint failure, and minor corrosion to bolt heads and steel corners to the upper bracing.	West Truss, at U63, Gusset - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00260	OPEN
6	6	Superstructure/Truss	West Truss, L63-U63, Interior - There is a full-height area of failing paint with active surface corrosion for nearly 50% of the interior surface area.	West Truss, L63-U63, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00212	OPEN



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6	6	Superstructure/Truss	West Truss, M62-L63, Top handhole at M62 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, M62-L63, Top handhole at M62 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00065	OPEN
6	6	Superstructure/Truss	West Truss, M62-U63, Top handhole at U63 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, M62-U63, Top handhole at U63 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00066	OPEN
6	6	Superstructure/Truss	East Truss, L63-U63, Interior - There are random areas of paint failure with minor surface corrosion up to 1'-0" diameter throughout the full-height.	East Truss, L63-U63, Interior - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00058	OPEN
6	6	Superstructure/Truss	East Truss, M62-U63, Top handhole at U63 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The handhole is heavily corroded.	East Truss, M62-U63, Top handhole at U63 - Clean handhole of debris and paint.		3	2021-BCZ472001 (S17-S19)-00297	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L62-L63, Top Face - There are several up to 6" diameter areas of up to 1/16" deep painted over pitting.					



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6	6	Superstructure/Truss	East Truss, at U63, Outboard Gusset Plate, East Face - There is moderate corrosion to tops of bolts in the south half and north 3'-0" of the plate. There is moderate corrosion along the east edge of the top connection plate.	East Truss, at U63, Outboard Gusset Plate, East Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00375	OPEN
6	6	Superstructure/Truss	East Truss, L63-M62, Handhole near M62 - There is up to 1/4" pack rust.	East Truss, L63-M62, Handhole near M62 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00259	OPEN
6	6	Superstructure/Truss	East Truss, at L63, Inboard Gusset Plate - There is 1/8" pack rust for full-height along the north edge interface with angle.	East Truss, at L63, Inboard Gusset Plate - Clean, paint, and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00535	OPEN
7	7	Superstructure/Sway Bracing	Sway Brace, connection to the East Truss, Connection Plate - There is minor corrosion bleeding below the connection plate.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, L63E-L63W, South Face - There is up to 1/4" painted over pitting within the bottom 5" of the web for full-length. The vertical stiffeners have been plated and spot painted.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, North End, Center Stiffener - The stiffener is bent east 1/2" for up to 6" high.	Lower Lateral Brace, North End, Center Stiffener - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00257	OPEN



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59.PP 63- PP 64								
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 64, Stringer 1 Bearing - There is up to 1/8" pack rust.	Floorbeam 64, Stringer 1 Bearing - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00299	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 64, South Face, East End - There are two (2) 6" diameter areas of moderate corrosion.	Floorbeam 64, South Face, East End - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00258	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 64, North Face, 3'-0" from East End - There is an 8" long x 5" high x 1/16" deep area of painted over pitting.					
6	6	Superstructure/Truss	West Truss, Bottom Chord, L63-L64, at L63, Bottom Face - There is a 1" diameter x 1 1/2" deep hole. The hole is moderately corroded. It appears to be a misplaced weep hole.	West Truss, Bottom Chord, L63-L64, at L63, Bottom Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00440	OPEN



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6	6	Superstructure/Truss	West Truss, L63-M64, second from Top Handhole at M64 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, L63-M64, Top Handhole at M64 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00067	OPEN
6	6	Superstructure/Truss	East Truss, L63-U63, Interior - There are random areas of paint failure with minor surface corrosion up to 1'-0" diameter throughout the full-height.					
6	6	Superstructure/Truss	East Truss, L63-M64, second from Top Handhole at M64 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.					
6	6	Superstructure/Truss	East Truss, L63-M64, at L63, West Face - There is a 6'-0" long area of moderate corrosion.	East Truss, L63-M64, Top Handhole at M64 - Clean handhole of debris and paint.		3	2021-BCZ472001 (S17-S19)-00300	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 63 - There are two (2) tack welds at the shim plate. This is typical in this location.					



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59.PP 64- PP 65							
7	7	Superstructure/Secondary Members	No defects noted.				
6	7	Superstructure/Paint	See condition notes for individual components.				
7	5	Superstructure/Joints	PP65 Joint - The northbound joint is open 2 1/2" at 48°F. The southbound joint is open 9/16" at 45°F.				
7	5	Superstructure/Joints	PP65 Joint, Northbound Roadway - The joint seal is depressed up to 1" and has minor debris accumulation.				
7	5	Superstructure/Joints	PP65 Joint, Southbound Roadway - The joint seal has minor debris accumulation.				
6	6	Superstructure/Bearings	Pier 19 Truss Bearings - There is light surface corrosion. Water is leaking from the pins of the bearings and there is ponding water on masonry plates, on and around the bearing/pier cap.				



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6	6	Superstructure/Bearings	Floorbeam 65, Stringer 5, West and East Anchor Bolts - The anchor bolts exhibit moderate corrosion and appear to be slightly bent. There is up to 1/8" thick pack rust underneath the masonry plate that is bending the masonry plate.	Floorbeam 65, Stringer 5, West and East Anchor Bolts - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00346	OPEN
6	6	Superstructure/Bearings	Floorbeam 65, Stringer 6, East and West Anchor Bolts - The anchor bolts exhibit minor corrosion.	Floorbeam 65, Stringer 6, East and West Anchor Bolts - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00347	OPEN
7	7	Superstructure/Utilities	West Truss, PP64-PP65, between Stringers 4-5, under the catwalk - The utility lines bracket connection to deck underside is missing, but the utility is stable.	PP64-PP65, between Stringers 4-5, under the catwalk - Replace the missing bracket.		3	2013-BCZ472001 (S17-S19)-00126	OPEN
6	6	Superstructure/Catwalks/Ladders/Safety Railings	PP65, Ladder Cage - The ladder cage just above the pier cap has bent cage bars.	PP65, Ladder Cage - Straighten the bent cage bars.		3	2019-BCZ472001 (S17-S19)-00061	OPEN
6	6	Superstructure/Catwalks/Ladders/Safety Railings	Catwalk Platform, at Floorbeam 65, at the Exterior Face of West Parapet, Support Channels - The channels are distorted up to 1 1/2" at top and bottom flanges due to pack rust.	Catwalk Platform, at Floorbeam 65, at the Exterior Face of West Parapet, Support Channels - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00305	OPEN
6	6	Superstructure/Catwalks/Ladders/Safety Railings	Catwalk Platform, at Floorbeam 64, Walkway Grating - There are bent bars in the grating.	Catwalk Platform, at Floorbeam 64, Walkway Grating - Straighten the bent bars.		3	2021-BCZ472001 (S17-S19)-00301	OPEN



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7	7	Superstructure/Floorbeams	Floorbeam 65, South Face - The 4th vertical stiffener from the east end is bent 1/2" to the west over a 6" length at mid-height.	Floorbeam 65, South Face - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00261	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 65 - There is minor corrosion and peeling paint throughout 2%.					
6	6	Superstructure/Truss	West Truss, M64-U65, Top Handhole at U65 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	West Truss, M64-U65, Top Handhole at U65 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00068	OPEN
6	6	Superstructure/Truss	West Truss, L65-M65, Interior - There is moderate corrosion with delamination and paint failure throughout.	West Truss, L65-M65, Interior - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00304	OPEN
6	6	Superstructure/Truss	East Truss, at L65, Outboard and Inboard Gusset Plates, Stiffening Angles - The south edge of the stiffening angles on both gussets exhibit moderate corrosion.	East Truss, at L65, Outboard and Inboard Gusset Plates, Stiffening Angles - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00445	OPEN
6	6	Superstructure/Truss	East Truss, L65-U65, Interior - There is standing water and heavy debris being held at diaphragms. Water is leaking immediately above the bearings and sitting at the bases of the bearings.	East Truss, L65-U65, Interior - Install a drainage system to prevent water from leaking onto bearings.		3	2019-BCZ472001 (S17-S19)-00312	OPEN



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6	6	Superstructure/Truss	East Truss, M64-L65, Top Handhole at M64 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole.	East Truss, M64-L65, Top Handhole at M64 - Clean handhole of debris and paint.		3	2021-BCZ472001 (S17-S19)-00302	OPEN
6	6	Superstructure/Truss	East Truss, at L65, Bearing Pin - There is moderate corrosion to the interior face with minor section loss on the exposed edges and face.	East Truss, at L65, Bearing Pin - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00303	OPEN
6	6	Superstructure/Truss	East Truss, L65-U65, Interior - There is paint failure with active moderate corrosion and heavy corrosion staining.	East Truss, L65-U65, Interior - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00306	OPEN
6	6	Superstructure/Truss	East Truss, U65, Interior, both Gusset Plates - There is paint failure and minor corrosion/pack rust.	East Truss, U65, Interior, both Gusset Plates - Clean, paint, and add filler as necessary.		3	2023-BCZ472001 (S17-S19)-00391	OPEN
6	6	Superstructure/Truss	Catwalk Connection Angle at L65, North Channel - There is 1 1/4" pack rust between vertical with moderate bleeding corrosion.	Catwalk Connection Angle at L65, North Channel - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00263	OPEN
7	7	Superstructure/Sway Bracing	PP65, Sway Brace Connection to the top of the Pier - There is moderate corrosion, delaminated rust and 1/16" pitting along the bottom 4" throughout the entire connection.	PP65, Sway Brace Connection to the top of the Pier - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00060	OPEN



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7	7	Superstructure/Sway Bracing	PP65, at Bridge Centerline, Vertical Sway Brace Connection below Floorbeam 65, Connection Angles - There is moderate corrosion at interface between gusset plates and bracing members, and up to 1/2" pack rust at the gusset plates.	PP65, West Truss, First and Second Connection below the deck, Connection Angles - Clean, paint, and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00439	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, L65E-L66W, Field Splice at the West End of the Wind Tongue - There is moderate corrosion and up to 1/2" pack rust along the top edge. There is up to 1 1/4" pack rust at the south end of the bottom edge.	Lower Lateral Brace, L65E-L66W, Field Splice at the West End of the Wind Tongue - Clean, paint, and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00307	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Diagonal Connection to L65-U65 - There is moderate corrosion in L connection plate and adjacent to filler plate.	Lower Lateral Brace, Diagonal Connection to L65-U65 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00262	OPEN
		60.01 - Pedestals						
7	7	Substructure	No defects noted.					
		60.03 - Capbeam/Top of Pier						
6	6	Substructure	Pier 18, North Face, west end, 8'-0" from the top - There is a 2'-0" diameter delaminated area.	Pier 18, North Face, west end, 8'-0" from the top - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00066	OPEN



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6	6	Substructure	Pier 18, North Face, approximately 10'-0" from the West Column, extending upward from mid-height - There is an 8'-0" high x 6'-0" wide delaminated area.	Pier 18, North Face, approximately 10'-0" from the West Column, extending upward from mid-height - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00065	OPEN
6	6	Substructure	Pier 18, South Face, at top - There is a 8'-0" wide x 1'-0" high area of delamination along the top edge.	Pier 18, South Face, at top - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00057	OPEN
6	6	Substructure	Pier 18, South Face, West End - There is a 2'-0" wide x 8'-0" high area of delamination at the interface with the Southwest Column with 1/16" wide vertical cracking with moderate efflorescence.	Pier 18, South Face, West End - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00158	OPEN
6	6	Substructure	Pier 18, middle of South Face, above Cap/Southwest Column Interface - There is an up to 8'-6" high x 3'-0" wide area of delamination with hairline vertical cracking with heavy efflorescence.	Pier 18, middle of South Face, above Cap/Southwest Column Interface - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00105	OPEN
6	6	Substructure	Pier 18, West Face, 1'-0" from the top, at the south end - There is a 1'-9" wide x 3'-6" high area of delamination.	Pier 18, West Face, 1'-0" from the top, at the south end - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00017	OPEN



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6	6	Substructure	Pier 18, West Face, 3'-9" from the top - There is an up to 7'-0" wide x 19'-0" high area of delamination with a 5'-0" high x 1/16" wide vertical crack.	Pier 18, West Face, 3'-9" from the top - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00018	OPEN
6	6	Substructure	Pier 18, East Face, 5'-0" from the top, at the south end - There is a 2'-3" wide x 10'-0" high area of delamination, that extends into the southeast chamfer, with hairline vertical cracking with heavy efflorescence.	Pier 18, East Face, 5'-0" from the top, at the south end - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00019	OPEN
6	6	Substructure	Pier 18, Underside, at the West Column, at the North End - There is a 4'-0" long hairline crack with an associated 9" wide area of delamination.	Pier 18, Underside, at the West Column, at the North End - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00332	OPEN
6	6	Substructure	Pier 18, Underside, Under Stringer 5 - There is a 3'-0" long x 2'-0" wide area of delamination with two (2) 6" long x up to 2'-0" wide x 1/2" deep spalls with exposed reinforcement.	Pier 18, Underside, Under Stringer 5 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00064	OPEN
6	6	Substructure	Pier 18, Underside, between Stringers 7 and 8 - There is an 8'-0" long x 3'-0" wide area of delamination.	Pier 18, Underside, between Stringers 7 and 8 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00063	OPEN



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		60.04 - Columns						
6	6	Substructure	Pier 18, Typical - Throughout the columns there are hairline to 1/8" wide cracks, some with moderate efflorescence, random 1" diameter x 1/2" deep popout spalls with exposed reinforcing ties, isolated 4" diameter x 1/2" deep spalls, and isolated areas of delamination in previous repair patches.	Pier 18, Typical - Seal the cracks 1/16" wide or wider.		3	2019-BCZ472001 (S17-S19)-00213	OPEN
6	6	Substructure	Pier 18, West Columns, West Face, just below the cap - There is an up to 6'-6" wide x 23'-0" high area of delamination with a 4" wide x 1'-3" high x 1" deep spall.	Pier 18, West Columns, West Face, just below the cap - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00152	OPEN
6	6	Substructure	Pier 18, West Columns, West Face, 5'-0" below the cap, south end - There is a 4'-6" wide x 11'-6" high area of delamination with moderate efflorescence along the bottom edge.	Pier 18, West Columns, West Face, 5'-0" below the cap, south end - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00153	OPEN
6	6	Substructure	Pier 18 - West Columns, East Face, at the cap - There is a 2'-6" wide x 8'-0" high area of delamination.	Pier 18 - West Columns, East Face, at the cap - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00160	OPEN
6	6	Substructure	Pier 18, Northwest Column, Northeast Corner, at the top construction joint - There is a 7" wide x 10" high x 2" deep spall.	Pier 18, Northwest Column, Northeast Corner, at the top construction joint - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00050	OPEN



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6	6	Substructure	Pier 18, Northwest Column, North Face, approximately 8'-0" below the top - There is a 3'-0" wide x 7'-0" high delaminated area.	Pier 18, Northwest Column, North Face, approximately 8'-0" below the top - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00068	OPEN
6	6	Substructure	Pier 18, Northwest Column, Southwest Corner, at the top - There is a 3'-0" wide x 25'-0" high area of delamination with associated 1/8" wide cracking and heavy efflorescence.	Pier 18, Northwest Column, Southwest Corner, at the top - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00049	OPEN
6	6	Substructure	Pier 18, Northwest Column, Southwest Corner, at the top - There is a 1'-2" wide x 3'-0" high x 2" deep spall with exposed corroded reinforcement.	Pier 18, Northwest Column, Southwest Corner, at the top - Remove unsound concrete and patch.	87	2	2021-BCZ472001 (S17-S19)-00020	OPEN
6	6	Substructure	Pier 18, Northwest Column, Southwest Corner, at the top - There is a 1'-0" wide x 4'-0" high x 2" deep spall with exposed corroded reinforcement and an adjacent 1'-0" wide x 1'-0" high x up to 1" deep spall on the south face.	Pier 18, Northwest Column, Southwest Corner, at the top - Remove unsound concrete and patch.	88	2	2021-BCZ472001 (S17-S19)-00021	OPEN



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6	6	Substructure	Pier 18, Northwest Column, South Face, 37'-0" from the base, west end - There is a 2'-0" wide x 2'-0" high area of delamination. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT. Concrete repair patch exhibits moderate efflorescence along the west edge.	Pier 18, Northwest Column, South Face, 37'-0" from the base, west end - Remove unsound concrete and patch.	89	3	2021-BCZ472001 (S17-S19)-00151	CLOSE-CONSULTANT
6	6	Substructure	Pier 18, Northwest Column, East Face, at the intersection of the columns, south end - There is a 2'-9" wide x 5'-0" high area of delamination with heavy efflorescence.	Pier 18, Northwest Column, East Face, at the intersection of the columns, south end - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00154	OPEN
6	6	Substructure	Pier 18, Southwest Column, North Face, west end, 40'-0" from the base - There is a 3'-6" wide x 4'-0" high area of delamination with up to 1/16" wide vertical cracking and heavy efflorescence.	Pier 18, Southwest Column, North Face, 40'-0" from the base - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00159	OPEN
6	6	Substructure	Pier 18, Southwest Column, South Face, at the intersection of the columns - There is an up to 4'-0" wide x 6'-6" high area of delamination with hairline vertical cracking with minor efflorescence.	Pier 18, Southwest Column, South Face, at the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00156	OPEN



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6	6	Substructure	Pier 18, Southwest Column, middle of South Face, 6'-0" below the cap - There is a 2'-6" wide x 11'-0" high area of delamination with hairline vertical cracks.	Pier 18, Southwest Column, middle of South Face, 6'-0" below the cap - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00157	OPEN
6	6	Substructure	Pier 18, Southwest Column, South Face, 44'-0" from the base - There is a 3'-6" wide x 1'-8" high area of delamination in a previous patch.	Pier 18, Southwest Column, South Face, 44'-0" from the base - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00155	OPEN
6	6	Substructure	Pier 18, Southwest Column, East Face, at the top - There is an 8'-0" wide x 10'-0" high hollow area. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Pier 18, Southwest Column, East Face, at the top - Remove unsound concrete and patch. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00059	CLOSE-CONSULTANT
6	6	Substructure	Pier 18, Southwest Column, East Face, 2'-0" below the intersection of the columns - There is a 2'-0" wide x 15'-0" high delaminated area.	Pier 18, Southwest Column, East Face, 2'-0" below the intersection of the columns - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00056	OPEN
6	6	Substructure	Pier 18, East Columns, East Face - There is a 15'-0" wide x 23'-0" high area of delamination with hairline vertical cracks and heavy efflorescence.	Pier 18, East Columns, East Face - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00170	OPEN



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6	6	Substructure	Pier 18, East Columns, West Face, just above the intersection of the columns and just north of center - There is a 6'-0" wide x 18'-0" high area of delamination with an associated intermittent hairline vertical crack.	Pier 18, East Columns, West Face, just above the intersection of the columns and just north of center - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00062	OPEN
6	6	Substructure	Pier 18, Northeast Column, Northwest Corner, 27'-0" from the intersection of the columns - There is a 1'-9" wide x 2'-0" high area of delamination.	Pier 18, Northeast Column, Northwest Corner, 27'-0" from the intersection of the columns - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00162	OPEN
6	6	Substructure	Pier 18, Northeast Column, Southeast Corner, 5'-0" from the intersection of the columns - There is a 1'-8" wide x 4'-0" high x 2" deep spall with exposed corroded reinforcement with an associated up to 2'-3" wide x 9'-6" high area of delamination above.	Pier 18, Northeast Column, Southeast Corner, 5'-0" from the intersection of the columns - Remove unsound concrete and patch.	90	2	2021-BCZ472001 (S17-S19)-00168	OPEN
6	6	Substructure	Pier 18, Northeast Column, Southeast Corner, 35'-0" from the base, east end - There is an 8'-0" high area of delamination that extends across the full width of the chamfer and extends 3'-0" wide in the south face and 6" wide on the east face with 1/16" wide vertical cracking with minor efflorescence.	Pier 18, Northeast Column, Southeast Corner, 35'-0" from the base, east end - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00161	OPEN



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6	6	Substructure	Pier 18, Northeast Column, West Face, at the top - There is a 2'-6" wide x 2'-0" high area of delamination with hairline vertical cracking with minor efflorescence that extends 6" into the chamfer.	Pier 18, Northeast Column, West Face, at the top - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00167	OPEN
6	6	Substructure	Pier 18, Northeast Column, middle of East Face, 32'-0" from the base - There is a 1'-6" wide x 8'-0" high area of delamination with hairline vertical cracking.	Pier 18, Northeast Column, East Face, 32'-0" from the base - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00163	OPEN
6	6	Substructure	Pier 18, Southeast Column, North Face, 35'-0" from the base - There is a 2'-0" wide x 3'-0" high area of delamination just below an existing patch at the west edge.	Pier 18, Southeast Column, North Face, 35'-0" from the base - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00164	OPEN
6	6	Substructure	Pier 18, Southeast Column, South Face at East Edge, within 10'-0" of the bottom - There are two (2) 2'-0" wide x 5'-0" high delaminated areas with associated hairline cracking and minor efflorescence that extend into the full-width of the southeast corner.	Pier 18, Southeast Column, South Face at East Edge, within 10'-0" of the bottom - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00057	OPEN



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6	6	Substructure	Pier 18, Southeast Column, Southeast corner, just below the intersection of the columns - There is a 15'-0" high area of delamination that extends across the full-width of the chamfer and 1'-0" wide into the south face and 2'-0" wide into the east face. This areas exhibits hairline vertical cracking with minor efflorescence.	Pier 18, Southeast Column, Southeast corner, just below the intersection of the columns - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00058	OPEN
6	6	Substructure	Pier 18, Southeast Column, West Face, 40'-0" from the base - There is a 9" wide x 4" high x 1" deep spall with exposed and corroded reinforcement below a previous patch.	Pier 18, Southeast Column, West Face, 40'-0" from the base - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00165	OPEN
6	6	Substructure	Pier 18, Southeast Column, West Face, at the top - There is a 4'-6" wide x 5'-6" high area of delamination that extends 6" into the chamfer with 1/16" wide vertical cracking with minor efflorescence.	Pier 18, Southeast Column, West Face, at the top - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00166	OPEN
6	6	Substructure	Pier 18, Southeast Column, East Face, at the top - There is a 6'-0" wide x 8'-0" high area of delamination that extends across the full-width of the chamfer with hairline vertical cracking with heavy efflorescence.	Pier 18, Southeast Column, East Face, at the top - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00169	OPEN



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		60.08 - Catwalk						
6	N	Substructure	There is no rail system in place on top of the pier.	Install a rail system on top of the pier.		3	2019-BCZ472001 (S17-S19)-00069	OPEN
		60.09 - Fender/Armorin g						
7	7	Substructure	Pier 18, Fender System - The steel armoring is in good condition and the lower hardware exhibits minor corrosion.					
		60.24 - Settlement						
7	7	Substructure	No defects noted.					
		60.25 - Fender System						
6	6	Substructure	Pier 18, Timber Fender, East and West Sides - The "Danger Bridge Work Above" sign is peeling and partially illegible.	Pier 18 Timber Fender, East and West Sides - Remove the "Danger Bridge Work Above" signs.		3	2023-BCZ472001 (S17-S19)-00053	OPEN
6	6	Substructure	Pier 18, Timber Fender, Northwest corner - There is one (1) damaged vertical timber lagging member. The cap at this location is also damaged.	Pier 18, Timber Fender, Northwest corner - Replace the damaged vertical timber lagging member and the cap.		3	2010-BCZ472001-00164	OPEN
6	6	Substructure	Pier 18, Timber Fender, Northeast Corner Board - There is a full-height split.	Pier 18, Timber Fender, Northeast Corner Board - Replace the split timber board.		3	2021-BCZ472001 (S17-S19)-00253	OPEN



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6	6	Substructure	Pier 18, Timber Fender, between the Northeast and Southeast Columns - The cap is missing on the vertical timber lagging members.	Pier 18, Timber Fender, between the Northeast and Southeast Columns - Replace the missing cap.		3	2021-BCZ472001 (S17-S19)-00251	OPEN
6	6	Substructure	Pier 18, Timber Fender, Southwest corner - There is one (1) vertical board with a full-length split.	Pier 18, Timber Fender, Southwest corner - Replace the split member.		3	2021-BCZ472001 (S17-S19)-00254	OPEN
6	6	Substructure	Pier 18, West Concrete Support Beam, East Face, at the Northwest Column, 1'-0" from the bottom - There is a 13'-0" long horizontal hairline crack with associated delaminated concrete.	Pier 18, West Concrete Support Beam, East Face, at the Northwest Column, 1'-0" from the bottom - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00392	OPEN
6	6	Substructure	Pier 18, West Concrete Support Beam, East Face, at the Northwest Column, 10'-0" from the Southwest corner, 6" from the bottom - There is a 4'-0" long horizontal hairline crack with associated delaminated concrete and rust staining.	Pier 18, West Concrete Support Beam, East Face, at the Northwest Column, 10'-0" from the Southwest corner, 6" from the bottom - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00393	OPEN
6	6	Substructure	Pier 18, East Concrete Support Beam, West Face, at the Southeast Column, 1'-6" from the bottom - There is a 6'-0" long horizontal hairline crack with associated corrosion staining.					



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6	6	Substructure	Pier 18, Dolphins - Dolphins are typically covered with bird debris.					
6	6	Substructure	Pier 18, Northwest Dolphin, at the waterline - There is up to 9" deep scale.	Pier 18, Northwest Dolphin, at the waterline - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00333	OPEN
6	6	Substructure	Pier 18, Northwest Dolphin, bottom bumpers - The eyebars are heavily corroded and have approximately 25% section loss across the diameter. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	Pier 18, Northwest Dolphin, bottom eyebars - Clean and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	91	3	2019-BCZ472001 (S17-S19)-00317	CLOSE-CONSULTANT
6	6	Substructure	Pier 18, Northwest Dolphin, West Face, at the bottom anchorage - There is a 3'-0" wide x 4'-0" high x 3" deep spall with exposed and corroded reinforcement at the bottom. Spall has previously been epoxy coated; however, corrosion has reinitiated. There is an 8" diameter x 4" deep spall at the top.	Pier 18, Northwest Dolphin, West Face, at the bottom anchorage - Remove unsound concrete and patch.	92	3	2021-BCZ472001 (S17-S19)-00252	OPEN
6	6	Substructure	Pier 18, Northwest Dolphin, Northeast corner - The bottom 2 cables are broken with both bumpers missing.	Pier 18, Northwest Dolphin, Northeast corner - Replace both broken cables and missing bumpers.		3	2021-BCZ472001 (S17-S19)-00255	OPEN



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6	6	Substructure	Pier 18, Northwest Dolphin, South Face, at the bottom anchorage - There is a 1'-0" wide x 1'-0" high x 3" deep spall.	Pier 18, Northwest Dolphin, South Face, at the bottom anchorage - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00334	OPEN
6	6	Substructure	Pier 18, Northwest Dolphin, South Face - The lower 3'-0" at the water line exhibits up to 1'-0" diameter x 1" deep spalls with corrosion staining, and some with exposed corroded reinforcement.	Pier 18, Northwest Dolphin, South Face - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00060	OPEN
6	6	Substructure	Pier 18, Northwest Dolphin, Southeast corner, at the bottom anchorage - There is a 2'-0" wide x 9" high x 5" deep spall with exposed and corroded reinforcement.	Pier 18, Northwest Dolphin, Southeast corner, at the bottom anchorage - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00256	OPEN
6	6	Substructure	Pier 18, Northwest Dolphin, Southwest corner, at the bottom anchorage - There is a 2'-0" long x 1'-0" high x 3" deep spall with exposed corroded reinforcement that has been epoxy coated; however, corrosion has reinitiated.	Pier 18, Northwest Dolphin, Southwest corner, at the bottom anchorage - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00059	OPEN
6	6	Substructure	Pier 18, Northeast Dolphin, bottom anchorages - There is moderate corrosion throughout.					



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		60.30 - Struts						
6	6	Substructure	Pier 18, strut construction joint, at the step up to the wind lock - There is typically hairline cracking with light efflorescence and light corrosion staining.					
		60.Utilities						
7	7	Substructure	Pier 18, west side, at the base - There are abandoned conduits with exposed wires.	Pier 18, west side, at the base - Remove abandoned conduit.		3	2015-BCZ472001 (S17-S19)-00049	OPEN
7	7	Substructure	Pier 18 - There is a disconnected cord on fog horn. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	Pier 18 - Reconnect the fog horn. As of 4/4/2023 this item has been repaired. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	93	3	2013-BCZ472001 (S17-S19)-00180	CLOSE-CONSULTANT
7	7	Substructure	Pier 18, at the ladder just above the strut - There is an abandoned utility with exposed wires.	Pier 18, at the ladder just above the strut - Remove the abandoned utility with exposed wires.		3	2019-BCZ472001 (S17-S19)-00214	OPEN
7	7	Substructure	Pier 18, Southwest Column - There is loose and missing hardware throughout.					
7	7	Substructure	Pier 18, Northeast Column, west face - There is one detached conduit angle.					



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Span 19								
Cond.Rating 2023	Cond.Rating 2021	Element # Location	Condition Description Notes	Repair Recommendations	Photos	MDTA Repair	Repair ID	Status
		58.01 - Wearing Surface						
5	6	Deck	Span 19 has approximately 1512 SF of patches throughout the Southbound Lanes and 777 SF of patches throughout the Northbound Lanes. All patches are sound unless noted otherwise.					
5	6	Deck	Span 19, along the Southbound Right Shoulder Line - There is a 9" wide x up to 1/2" deep band of scaling with missing aggregate throughout.					
5	6	Deck	Southbound Right Lane, between PP68 and PP69, near the centerline - There are four (4) patches with 40 SF of 1/16" wide map cracks and three (3) up to 2'-0" long x 6" wide x 1" deep spalls.	Southbound Right Lane, between PP68 and PP69, near the centerline - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00301	OPEN
5	6	Deck	Northbound Right Shoulder, 5'-0" south of PP67 - There is a 2'-0" long x 2'-0" wide area of delamination.	Northbound Right Shoulder, 5'-0" south of PP67 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00302	OPEN



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5	6	Deck	Northbound at Centerline, 12'-0" north of PP67 - There is a 4" long x 8" wide x 3/4" deep spall.	Northbound at Centerline, 12'-0" north of PP67 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00303	OPEN
		58.03 - Fascias						
5	6	Deck	Typical - There are hairline cracks at the parapet joints and rust staining at the edges of the parapet drainage slots. Small edge spalls are present at the parapet joints, parapet drainage slots and near the girder top flanges. There are up to 4'-0" long x up to 1/4" wide longitudinal cracks in the edges of the fascias spaced approximately every 2'-0" to 5'-0" with adjacent hollow areas.	Remove unsound concrete and patch. Seal the cracks.		3	2019-BCZ472001 (S17-S19)-00268	OPEN
5	6	Deck	West Fascia, between PP65 and PP66, behind L65-M66 - There is a 1'-0" long x 4" high area of delamination with an associated 2'-8" long x 8" high x 9" wide corner spall with exposed and corroded reinforcement.	West Fascia, between PP65 and PP66, behind L65-M66 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00111	OPEN
5	6	Deck	West Fascia, between PP68 and PP69, 5'-0" south of PP69 - There is a 1'-0" wide x 7" high x 1/1/2" deep spall.	West Fascia, between PP68 and PP69, 5'-0" south of PP69 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00296	OPEN



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5	6	Deck	West Fascia, between PP72 and PP73 - There is a 3'-6" long x 1'-0" wide delamination with an associated 1/8" wide horizontal crack on the vertical face.	West Fascia, Between PP72 and PP73 - Remove unsound concrete and patch.	94	3	2023-BCZ472001 (S17-S19)-00121	OPEN
5	6	Deck	West Fascia, between PP74 and PP75, 12'-0" North of PP74 - There is a 1'-6" long x 3" wide x 3" high corner delamination, with two (2) adjacent spalls in the overhang measuring 1'-0" long x 7" wide x 1/2" deep and 6" long x 6" wide x 1/2" deep.	West Fascia, Between PP74 and PP75, 12'-0" North of PP74 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00122	OPEN
5	6	Deck	West Fascia, 6' north of PP82, below the drainage slot - There is a 1'-6" long x 5" wide x 3" high spall adjacent to a 2'-0" long x 4" wide delamination/imminent spall.	West Fascia, 6' north of PP82, below the drainage slot - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00267	OPEN
5	6	Deck	West Fascia, between PP82 and PP83, at the scupper - There is a 1'-6" long x 6" wide x up to 2" deep spall. FY 2023 Inspection: This is a duplicate of defect associated with Repair ID 2019-BCZ472001(S17-S19)-00267. This repair status has been changed to CLOSE-CONSULTANT.	West Fascia, between PP82 and PP83, at the scupper - Remove unsound concrete and patch. FY 2023 Inspection: This is a duplicate of defect associated with Repair ID 2019-BCZ472001(S17-S19)-00267. This repair status has been changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00107	CLOSE-CONSULTANT



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5	6	Deck	West Fascia, between PP85 and PP86, at the parapet joint - There is a 2'-4" long x 3" high x 3" wide area of delamination.	West Fascia, between PP85 and PP86, at the parapet joint - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00322	OPEN
5	6	Deck	East Fascia, between PP65 and PP66 at mid length - There is a 2'-0" long x up to 9" wide x up to 4" high delamination.	East Fascia, between PP65 and PP66 at mid length - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00289	OPEN
5	6	Deck	East Fascia, between PP65 and PP66, 4'-0" from L66-U66 - There is a 4'-0" long x up to 1/8" wide crack with corrosion on underside.	East Fascia, between PP65 and PP66, 4'-0" from L66-U66 - Seal crack.	3	2023-BCZ472001 (S17-S19)-00288	OPEN
5	6	Deck	East Fascia, between PP73 and PP74 - There is a 3'-4" long x 2'-6" wide x 3" high delamination at the midpoint.	Span 19, between PP73 and PP74, East Overhang - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00120	OPEN
5	6	Deck	East Fascia, between PP74 and PP75 - There is a 2'-0" long x 1'-9" wide x up to 4" high delamination with minor efflorescence at the midpoint.	Span 19, between PP74 and PP75, East Overhang - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00125	OPEN
5	6	Deck	East Fascia, Midpoint between PP75 and PP76 - There is a 3'-6" long x 4" wide x 4" high delamination with an associated 1/8" wide horizontal crack along the top edge.	East Fascia, Midpoint between PP75 and PP76 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00126	OPEN



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5	6	Deck	East Fascia, between PP75 and PP76 - There is a 1'-0" long x 4" wide x 2" deep corner spall.	East Fascia, between PP75 and PP76 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00108	OPEN
5	6	Deck	East Fascia, between PP76 and PP77, 8'-0" from L76 - There is a 8" long x 4" wide x 2" high spall in the bottom edge.	East Fascia, between PP76 and PP77, 8'-0" from L76 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00130	OPEN
5	6	Deck	East Fascia, Midpoint between PP77 and PP78 - There is a 4'-8" long x up to 2'-6" wide x up to 5" high area of delamination with an associated 1/4" wide horizontal crack.	East Fascia, Midpoint between PP77 and PP78 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00135	OPEN
5	6	Deck	East Fascia, between PP78 and PP79, 8'-0" South of PP79, Top Edge - There is a 1'-2" long x 6" wide x 2 1/2" deep spall with exposed and corroded steel reinforcement.	East Fascia, between PP78 and PP79, 8'-0" South of PP79, Top Edge - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00265	OPEN
5	6	Deck	East Fascia, midway between PP79 and PP80 - There is a 1'-0" long x 6" wide x 3" deep corner spall with exposed and corroded steel reinforcement.	East Fascia, midway between PP79 and PP80 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00109	OPEN
5	6	Deck	East Fascia, between PP79 and PP80 - There is a 1'-0" long x 6" wide x 3" deep corner spall.	East Fascia, between PP79 and PP80 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00323	OPEN



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5	6	Deck	East Fascia, midway between PP80 and PP81, Bottom Edge - There is a 1'-0" long x 4" wide x 3" high spall.	East Fascia, midway between PP80 and PP81, Bottom Edge - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00267	OPEN
5	6	Deck	East Fascia, midway between PP81 and PP82 - There is a 4'-4" long x 4" wide x 4" high delamination with an associated 1/4" wide horizontal crack.	East Fascia, midway between PP81 and PP82 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00270	OPEN
5	6	Deck	East Fascia, underside adjacent to Stringer 9, midway between PP87 and PP88 - There is a 1'-6" long x 1'-0" wide x 2" deep spall.	East Fascia, underside adjacent to Stringer 9, midway between PP87 and PP88 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00110	OPEN
		58.04 - Railings & Parapets						
5	6	Deck	Typical - The edges of the scupper drains at the base of barriers have spalls and/or delaminations up to 4" high x 6" wide x 1" deep.					
5	6	Deck	Typical - Above each scupper there are up to 1'-0" high x 5" wide x 3/4" deep spalls with exposed steel reinforcement and delaminations.					



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5	6	Deck	West Parapet, East Face, Typical - There is hairline vertical and horizontal up to 1'-0" long cracking and small spalls at the parapet joints.	West Parapet, East Face, Typical - Remove unsound concrete and patch.		3	2013-BCZ472001 (S17-S19)-00015	OPEN
5	6	Deck	West Parapet, East Face, at PP67 - There is a 5" wide x 1'-7" high x 1" deep spall with exposed corroded steel reinforcement and an associated delamination.	West Parapet, East Face, at PP67 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00083	OPEN
5	6	Deck	West Parapet, East Face, between PP67 and PP68 - There is a 20'-0" long x full-height patch this is delaminated with 1/16" wide horizontal and vertical cracks.	West Parapet, East Face, between PP67 and PP68 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00335	OPEN
5	6	Deck	West Parapet, west face, between PP67 and PP68, at the base - There is a 9" wide x 1'-0" high x 2" deep spall with exposed corroded steel reinforcement.	West Parapet, West Face, between PP67 and PP68, at PP68 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00294	OPEN
5	6	Deck	West Parapet, East and Top Face, at PP68 - There is a full-height x 2'-0" long x full-width delamination with 1/16" wide cracking.	West Parapet, East and Top Face, at PP68 - Remove unsound concrete and patch.	95	3	2023-BCZ472001 (S17-S19)-00080	OPEN



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5	6	Deck	West Parapet, East Face, just south of PP71, at the base - There is a 3'-4" long x 10" high area of delamination with an associated 1'-2" long x 6" high x 2" deep spall with exposed and corroded reinforcement. There are two (2) 1'-6" diameter delaminated areas at the top of the parapet at this location.	West Parapet, East Face, just south of PP71, at the base - Remove unsound concrete and patch.	96	2	2019-BCZ472001 (S17-S19)-00017	OPEN
5	6	Deck	West Parapet, Top and East Faces, between PP70 and PP81 - There are several 5'-0" long x up to 1/16" wide horizontal cracks with corrosion staining and associated delaminations approximately 6" high on the east face and approximately 4" from the top.	West Parapet, Top and East Faces, between PP77 and PP81 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00019	OPEN
5	6	Deck	West Parapet, East Face, 4'-0" north of PP76, at the top - There is a 1'-0" long x 5" high x 2" deep spall.	West Parapet, East Face, 4'-0" north of PP76, at the top - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00085	OPEN
5	6	Deck	West Parapet, East Face, 3'-0" south of PP77, at the base - There is a 1'-0" x 5" wide x 3/4" deep spall with exposed corroded steel reinforcement.	West Parapet, East Face, 3'-0" south of PP77, at the base - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00336	OPEN



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5	6	Deck	West Parapet, East Face, south of PP80, at the top - There is a 15'-0" long x 6" high x 4" wide x 1" deep spall/delamination with associated 1/16" long cracks.	West Parapet, East Face, south of PP80, at the top - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00337	OPEN
5	6	Deck	West Parapet, East Face, at PP80, at the top - There is a 6" wide x 6" high x 4" deep corner spall with exposed corroded steel reinforcement.	West Parapet, East Face, at PP80, at the top - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00084	OPEN
5	6	Deck	West Parapet, East Face, between PP80 and PP81 - There is a 10'-0" long x 2'-0" high area of hairline map cracking with corrosion staining and delamination.	West Parapet, East Face, between PP80 and PP81 - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00338	OPEN
5	6	Deck	West Parapet, West Face, 5'-0" north of PP81 at scupper - 8" long x 6" high delamination.					
5	6	Deck	West Parapet, East Face, 8'-0" north of PP86 - There is a 5'-0" long x 2" wide area of up to 1/2" deep gouges.					
5	6	Deck	West Parapet, East Face, at PP87 - There is a 2'-0" wide x 1'-4" high area of delamination with up to 1" deep spalling with exposed steel reinforcement.	West Parapet, East Face, at PP87 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00018	OPEN



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5	6	Deck	West Parapet, East Face, 10'-0" south of PP88, above supper - There is a 1'-0" high x 5" wide x 3/4" deep spall with exposed steel reinforcement and two (2) 1'-0" high x 4" wide areas of delamination.	West Parapet, East Face, 10'-0" south of PP88, above supper - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00339	OPEN
5	6	Deck	West Parapet, East Face, 5'-0" north of PP88, above scupper - There is a 4'-0" long x 1'-0" high patch with hairline map cracking and delamination.					
5	6	Deck	West Parapet, Base of East Face, at PP89 - There is a 1'-0" high x 1'-0" wide area of corrosion staining an a 1/16" wide x 1'-0" long diagonal crack.					
5	6	Deck	East Parapet, West Face, Typical - There are many patches throughout the parapet. Several are failing. (Approximately 40 LF of sound patching and 20 LF of failed patching.)					
5	6	Deck	East Parapet, East Face, midway between PP67 and PP68 - There is a 2'-8" high x 1'-0" wide x 5" deep spall with exposed corroded steel reinforcement and embedded wood.	East Parapet, East Face, midway between PP67 and PP68 - Remove unsound concrete and patch.	97	3	2013-BCZ472001 (S17-S19)-00197	OPEN



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5	6	Deck	East Parapet, Base of West Face, at PP68 - There is a 6" diameter x 1" deep spall with exposed steel reinforcement.	East Parapet, Base of West Face, at PP68 - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00340	OPEN
5	6	Deck	East Parapet, Top face, 10'-0" south of PP71 - There is a 1'-2" long x 7" high x 1" deep spall. FY2023 Inspection: This defect has been repaired with epoxy coating. Repair status changed to CLOSE-CONSULTANT.	East Parapet, Top Face, 10'-0" south of PP71 - Remove unsound concrete and patch. FY2023 Inspection: This defect has been repaired with epoxy coating. Repair status changed to CLOSE-CONSULTANT.	3	2013-BCZ472001 (S17-S19)-00158	CLOSE-CONSULTANT
5	6	Deck	East Parapet, West Face, 12'-0" north of PP71, at the base - There is a 3'-0" long x 4" high x up to 1" deep spall in a previous patch.	East Parapet, West Face, 12'-0" north of PP71 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00086	OPEN
5	6	Deck	East Parapet, West Face, at PP72, at the base - There is a 10" long x 3" high x 3" deep spall.	East Parapet, West Face, at PP72, at the base - Remove unsound concrete and patch.	3	2013-BCZ472001 (S17-S19)-00018	OPEN
5	6	Deck	East Parapet, West Face, 12'-0" north of PP76, at the top - There is 3'-0" wide x 5" high area of delamination with minor efflorescence and corrosion staining.	East Parapet, West Face, 12'-0" north PP76 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00087	OPEN
5	6	Deck	East Parapet, West Face, 15'-0" north of PP77, at the top - There is an 8" long x 8" high x 3" deep corner spall.	East Parapet, West Face, 15'-0" north of PP77, at the top - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00341	OPEN



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5	6	Deck	East Parapet, West Face, at PP78 - There is a 4'-0" wide x 1'-0" high x 1" deep scale/spall at the base of a previous patch.	East Parapet, West Face, at PP78 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00088	OPEN
5	6	Deck	East Parapet, West Face, 10'-0" north of PP78 - There is a 1'-6" wide x 1'-0" high x 1" deep scale/spall in a previous patch.	East Parapet, West Face, 10'-0" north of PP78 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00089	OPEN
5	6	Deck	East Parapet, West Face, 12'-0" south of PP79, at the top - There are two (2) 7" long x 5" wide x 1/2" deep spalls with exposed corroded steel reinforcement.	East Parapet, West Face, between PP78 and PP79, at the top - Remove unsound concrete and patch.	3	2019-BCZ472001 (S17-S19)-00034	OPEN
5	6	Deck	East Parapet, West Face, 15'-0" north of PP79, at the top - There is an 8" diameter x 1/2" deep spall with exposed corroded steel reinforcement.	East Parapet, West Face, 15'-0" north of PP79, at the top - Remove unsound concrete and patch.	3	2023-BCZ472001 (S17-S19)-00342	OPEN
5	6	Deck	East Parapet, West Face, 4'-0" north of PP80 - There is a 1'-6" wide x 1'-0" high x 1" deep scale/spall in a previous patch.	East Parapet, West Face, 4'-0" north of PP80 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00090	OPEN
5	6	Deck	East Parapet, West Face, 9'-0" north of PP80 - There is a 1'-6" wide x 1'-0" high x 1" deep spall in a previous patch.	East Parapet, West Face, 9'-0" north of PP80 - Remove unsound concrete and patch.	3	2021-BCZ472001 (S17-S19)-00091	OPEN



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5	6	Deck	East Parapet, West Face, 4'-0" south of PP81 - There is a 2'-0" wide x 1'-0" high x 1" deep spall in a previous patch.	East Parapet, West Face, 4'-0" south of PP81 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00092	OPEN
5	6	Deck	East Parapet, West Face, at PP81, the base - There is a 1'-6" long x 3" high x 1/2" deep spall.					
5	6	Deck	East Parapet, West Face, 9'-0" south of PP83 - There is a 2'-2" wide x 1'-0" high x 1" deep scale/spall in a previous patch.	East Parapet, West Face, 9'-0" south of PP83 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00093	OPEN
5	6	Deck	East Parapet, West Face, between PP84 and PP85, above the south scupper - There is a 4'-0" wide x 9" high x 1" deep scale/spall in a previous patch.	East Parapet, West Face, between PP84 and PP85, above the south scupper - Remove unsound concrete and patch.	98	3	2021-BCZ472001 (S17-S19)-00095	OPEN
5	6	Deck	East Parapet, West Face, between PP84 and PP85, adjacent to the north scupper - There is a 2'-3" wide x 1'-0" high x 1" deep scale/spall in a previous.	East Parapet, West Face, between PP84 and PP85, adjacent to the north scupper - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00094	OPEN
5	6	Deck	East Parapet, West Face, just south of PP85 - There is a 1'-0" wide x 1'-0" high x 1" deep scale/spall in a previous patch.	East Parapet, West Face, just south of PP85 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00096	OPEN



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5	6	Deck	East Parapet, West Face, 10'-0" south of PP85, at the top - There is an 8" high x 6" wide x 1" deep spall with exposed corroded steel reinforcement.	East Parapet, West Face, 10'-0" south of PP85, at the top - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00343	OPEN
5	6	Deck	East Parapet, West Face, 4'-0" north of PP86 - There is a 1'-6" wide x 1'-0" high deteriorated patch.	East Parapet, West Face, 4'-0" north of PP86 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00097	OPEN
5	6	Deck	East Parapet, West Face, 5'-6" south of PP88 - There is a 4'-0" wide x 6" high deteriorated patch.	East Parapet, West Face, 5'-6" south of PP88 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00098	OPEN
		58.05 - Scuppers						
7	7	Deck	Span 19, Pier 19, East Scupper Pipe - The pipe is broken.	Span 19, Pier 19, East Scupper Pipe - Replace the broken scupper pipe.		3	2021-BCZ472001 (S17-S19)-00103	OPEN
		58.06 - Median						
6	6	Deck	Typical - There are minor scrapes, patches, and random vertical and horizontal hairline cracks with corrosion and associated up to 1'-0" high delaminations throughout approximately 40% of the length. Several of these patches have up to 1" diameter x up to 1" deep spalls with exposed and corroded reinforcement.	Remove unsound concrete and patch. Seal the cracks.		3	2013-BCZ472001 (S17-S19)-00172	OPEN



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6	6	Deck	West Face, at PP86 - There is a 2'-0" long x 4" high x 1" deep with exposed corroded steel reinforcement and associated hairline map cracking and corrosion staining.					
6	6	Deck	West Face, 6'-0" north of PP87 - There is a 1'-6" wide x up tp 1'-0" high x up to 2" deep spall with exposed and corroded reinforcement.	West Face, 6'-0" north of PP87 - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00099	OPEN
6	6	Deck	East Face, at PP71, 5" below the top - There is a 5'-0" long x up to 1/16" wide crack.	East Face, at PP71, 5" below the top - Seal the crack.		3	2019-BCZ472001 (S17-S19)-00030	OPEN
6	6	Deck	East Face, 15'-0" north of PP75 - There is a 1'-4" long x 1'-0" high x 2" deep spall with exposed corroded steel reinforcement.	East Face, 15'-0" north of PP75 - Remove unsound concrete and patch.	99	3	2019-BCZ472001 (S17-S19)-00043	OPEN
		58.07 - Deck Underside						
7	7	Deck	Typical - There are isolated areas of corrosion to the SIP forms. Several of these areas exhibit 100% section loss, but the exposed concrete is in good condition.					



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7	7	Deck	Span 19, between PP66 and PP67, Bays 1 and 2 - There are intermittent 3" long x full-width areas of minor corrosion throughout.					
7	7	Deck	Span 19, between PP66 and PP67, Bay 2 - There is a 1'-0" long x 1'-0" wide poor quality concrete deck repair with 100% section loss to the SIP forms.					
7	7	Deck	Span 19, 10'-0" north of PP67, Bay 1 - There is a 3'-0" long x full-width area of SIP form that is deformed downward 9".					
7	7	Deck	Span 19, between PP67 and PP68, Bay 5, north of the diaphragm - There are two (2) 6" long x 4'-0" wide areas of minor corrosion in the SIP form.					
7	7	Deck	Span 19, between PP68 and PP69, Bay 1, south of the diaphragm - There are (2) full-width x 4" long areas of corrosion in the SIP form with minor efflorescence.					



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7	7	Deck	Span 19, between PP68 and PP69, Bay 1, 8'-0" North of Floorbeam 68 - There is a 2'-0" long x full width area of moderate corrosion with associated 10" long x 1'-8" wide area of 100% section loss to the SIP form with deteriorated concrete visible with efflorescence leakage onto Stringer 1.					
7	7	Deck	Span 19, between PP71 and PP72, Bay 2, north of the diaphragm - There is a 2" long x 8" wide area of 100% section loss in the SIP form with associated minor concrete deterioration in the deck.					
7	7	Deck	Span 19, between PP71 and PP72, Bay 7, north of the diaphragm - There is a 1'-0" long x 4'-0" wide area of moderate corrosion in the SIP form.					
7	7	Deck	Span 19, between PP86 and PP87, Bay 1 - There is a 2'-0" long x full-width area of moderate corrosion with perforations in the SIP form.					



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7	7	Deck	Span 19, 1'-0" north of PP86, Bay 8 - There is a 4" long x 1'-0" wide area of 100% section loss in the SIP form.					
		58.08 - Lighting Standards						
6	6	Deck	No defects observed.					
		59.PP 65- PP 66						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	6	Superstructure/Bearings	Floorbeam 65, Stringer 7 - The bearing exhibits minor corrosion with up to 1/8" pack rust.	Floorbeam 65, Stringer 7 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00113	OPEN
6	6	Superstructure/Bearings	Floorbeam 65, Stringers 5-8 - The bearings exhibits minor corrosion.	Floorbeam 65, Stringers 5-8 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00244	OPEN
6	6	Superstructure/Bearings	Floorbeam 66, Stringer 9 - The sole plate exhibits moderate corrosion and pack rust bending the plate upward approximately 1/4". The adjacent area of the top flange has moderate corrosion with delamination adjacent to Stringer 9.	Floorbeam 66, Stringer 9 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00348	OPEN
7	7	Superstructure/Utilities	No defects noted.					



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6	6	Superstructure/Catwalks/Ladders/Safety Railings	Floorbeam 65 Walkway, East Railing, Top Rail - The rail is bent 4" downward.					
7	7	Superstructure/Stairways	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 66, South Face, connection to the East Truss - There is a 6" wide x 6" high area of 3/16" deep painted over section loss adjacent to the top of the floorbeam connection angle.					
7	7	Superstructure/Floorbeams	Floorbeams typically exhibit up to 4" diameter areas of minor corrosion with associated paint failure and corrosion staining on approximately 2% of the total surface area. Corrosion is concentrated in the end 10' on either side of the beam, on the upper and lower flanges, lower 3' of the web, and lower vertical and horizontal web stiffeners.					
6	6	Superstructure/Truss	Typical - There is minor corrosion forming on the truss connection bolts.					



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6	6	Superstructure/Truss	Truss members typically exhibit up to 4" diameter areas of minor corrosion with associated corrosion staining on approximately 2% of the total surface area. Corrosion is concentrated at gusset plates at the upper and lower connections, and within 10' of the roadway.					
6	6	Superstructure/Truss	West Truss, Top Chord, U65-U67 - Both handhole covers are stuck open.					
6	6	Superstructure/Truss	West Truss, U65-M66, at M66, North and West Faces, Field Splice Plates - The splice plates and gusset plates have been wire wheel cleaned but have not been painted.					
6	6	Superstructure/Truss	West Truss, U65-M66, at M66, North Face, Field Splice Plate, west edge - The splice plate is bowed up to 1/8" due to previous pack rust which has been cleaned out as of FY 2023 Inspection. Repair status changed to CLOSE-CONSULTANT.	West Truss, U65-M66, at M66, North Face, Field Splice Plate, west edge - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00497	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	West Truss, L65-U65, Interior - There is failed paint and active surface corrosion on all interior faces for nearly full-height. The bottom 10'-0" exhibits moderate corrosion with up to 1/16" delaminating corrosion.	West Truss, L65-U65, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00536	OPEN
6	6	Superstructure/Truss	East Truss, at L66, Inboard and Outboard Gusset Plates, interior faces - There is a 2" wide band of moderate rust scale along the top of the lower chord.	East Truss, at L66, Inboard and Outboard Gusset Plates, interior faces - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00352	OPEN
6	6	Superstructure/Truss	East Truss, at L66, Outboard Gusset Plate, south edge - The gusset plate is pried out 1/8" at the top for 3'-0" long due to pack rust along the interface with the stiffener angle.	East Truss, at L66, Outboard Gusset Plate, south edge - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00351	OPEN
6	6	Superstructure/Truss	East Truss, L65-M66, at M66, interior - There is paint failure with moderate surface corrosion on all interior faces extending downward 8'-0".	East Truss, L65-M66, at M66, interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00215	OPEN



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6	6	Superstructure/Truss	East Truss, L66-M66, Web, South Face, from the top of the parapet to the bottom chord - There are several areas of up to 1'-0" diameter x 1/16" deep painted over pitting, and several areas of up to 6" diameter moderate corrosion on flanges.	East Truss, L66-M66, Web, South Face, from the top of the parapet to the bottom chord - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00292	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L65, Inboard and Outboard Gusset Plates - There is minor corrosion and 1/16" pitting at the ends of the overlaps.	East Truss, Bottom Chord, at L65, Inboard and Outboard Gusset Plates - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00114	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L65, Inboard and Outboard Gusset Plates - There is moderate corrosion with pack rust around the pin.	East Truss, Bottom Chord, at L65, Inboard and Outboard Gusset Plates - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00115	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, at L65 - There is ponding water between the gusset plates. FY 2023 Inspection: The repair status was CLOSE-MDTA, however, at the time of inspection, the defect still exists. Repair status changed to OPEN.	East Truss, Bottom Chord, at L65 - Allow drainage for ponding water. FY 2023 Inspection: The repair status was CLOSE-MDTA, however, at the time of inspection, the defect still exists. Repair status changed to OPEN.	100	3	2013-BCZ472001 (S17-S19)-00171	OPEN



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7	7	Superstructure/Lateral bracing	West Truss, first strut from roadway at L65-U65 connection, bottom face of web - There is a 1'-6" long x full width area of moderate corrosion.	West Truss, first strut from roadway at L65-U65 connection, bottom face of web - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00290	OPEN
7	7	Superstructure/Lateral bracing	West Truss, third strut from roadway at L65-U65 connection - There are random areas of 1/16" deep painted over pitting on the interior faces of both gusset plates.	West Truss, third strut from roadway at L65-U65 connection - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00291	OPEN
7	7	Superstructure/Lateral bracing	The lower lateral bracing members typically exhibit up to 4" diameter areas of minor corrosion with associated corrosion staining on approximately 2% of the total surface area. Corrosion is concentrated at the connections to the truss.					
		59.PP 66- PP 67						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 67, Stringer 1 - There is 1/8" pack rust below the baseplate causing the plate to pry upward.	Floorbeam 67, Stringer 1 - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00117	OPEN



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7	7	Superstructure/Bearings	Floorbeam 67, Stringer 2 - There is 1/8" pack rust below the baseplate causing the plate to pry upward.	Floorbeam 67, Stringer 2 - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00118	OPEN
7	7	Superstructure/Bearings	Floorbeam 67, Stringer 4 - There is 1/8" pack rust below the baseplate causing the plate to pry upward.	Floorbeam 67, Stringer 4 - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00354	OPEN
7	7	Superstructure/Utilities	Low Level Lights, Post at M66 - There is a light post in contact with the M66 inboard gusset plate. Two (2) nuts are ground down.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
7	7	Superstructure/Floorbeams	No defects noted.					
6	6	Superstructure/Truss	West Truss, Top Chord, connection to the Upper Lateral Brace at U67 - There is minor corrosion and staining.	West Truss, Top Chord, connection to the Upper Lateral Brace at U67 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00459	OPEN
6	6	Superstructure/Truss	West Truss, M66-L67, 15'-0" above L67, East Face - There is a 1'-0" high x 6" wide area of moderate corrosion with delamination.	West Truss, M66-L67, 15'-0" above L67, East Face - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00116	OPEN



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6	6	Superstructure/Truss	West Truss, Bottom Chord near L67, L66-L67, Interior, west web plate - There is a 2'-0" wide x 1'-6" high area of failing paint with active surface corrosion.	West Truss, Bottom Chord, L66-L67, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00350	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L66-L67, at L66, Top Flange - There is a 4'-6" long x full-width area of minor corrosion.	West Truss, Bottom Chord, L66-L67, at L66, Top Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00245	OPEN
6	6	Superstructure/Truss	East Truss, at L67, Inboard Gusset Plate, North and South Stiffening Angles - There is heavy corrosion concentrated on the north angle, with 1/8" pack rust.	East Truss, at L67, Inboard Gusset Plate, North and South Stiffening Angles - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00353	OPEN
6	6	Superstructure/Truss	East Truss, at L67, Outboard Gusset Plate, south edge - There is 1/8" pack rust behind the stiffening angle. FY 2023 Inspection: Repair status changed to CLOSE-CONSULTANT, as this is a duplicate repair ID of 2019-BCZ470001(S17-S19)-00353.	East Truss, at L67, Outboard Gusset Plate, south edge - Clean and paint. FY 2023 Inspection: Repair status changed to CLOSE-CONSULTANT, as this is a duplicate repair ID of 2019-BCZ470001 (S17-S19)-00353.		3	2019-BCZ472001 (S17-S19)-00356	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	East Truss, L67-U67, interior - There are areas of failing paint with active surface corrosion throughout 15% of the interior, and on the bottom 10'-0" extending upward from deck level on the west face, measuring 6'-0" high x full width.	East Truss, L67-U67, interior - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00069	OPEN
6	6	Superstructure/Truss	East Truss, L67-U67, Inboard Face, near the top of Floorbeam 67 - The bulkhead plate exhibits 6'-0" high x full width severe corrosion.	East Truss, L67-U67, Inboard Face, near the top of Floorbeam 67 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00355	OPEN
6	6	Superstructure/Truss	East Truss, L67-U67, West Face, near the deck - There is a full-width x 6'-0" high area of minor corrosion. FY 2023 Inspection: Repair status changed to CLOSE-CONSULTANT, as this is a duplicate repair ID of 2019-BCZ472001(S17-S19)-00355.	East Truss, L67-U67, West Face, near the deck - Clean and paint. FY 2023 Inspection: Repair status changed to CLOSE-CONSULTANT, as this is a duplicate repair ID of 2019-BCZ472001(S17-S19)-00355.		3	2021-BCZ472001 (S17-S19)-00119	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	East Truss, M66-L67, Top Handhole at M66 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, M66-L67, Top Handhole at M66 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00082	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, Bottom Chord, L66-L67, at L67 - There is ponding water and moderate debris between the gusset plates.					
7	7	Superstructure/Sway Bracing	No defects noted.					
7	7	Superstructure/Lateral bracing	Upper Lateral Brace, U65E-U67W, at U67W - There is 3/16" pack rust between the bottom flange and connection plate on the north side.	Upper Lateral Brace, U65E-U67W, at U67W - Clean, paint, and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00293	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at L66W-L66E, Bottom Flange - There is moderate corrosion on the bottom flange on both sides of the connection.	Lower Lateral Brace, center connection at L66W-L66E, Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00438	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L67, Top Flange - There is one (1) tack weld on the east and west sides of the top flange and the top horizontal connection plate. This is typical in this location.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L67, top and bottom connection plates - There is minor corrosion on the south edge of both connection plates. FY 2023 Inspection: This defect was not observed.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, Top and Bottom Flange - There are areas of failing paint throughout the full length.					
		59.PP 67- PP 68						
6	7	Superstructure/Secondary Members	No defects noted.					
7	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 68, Stringer 1 - There is 1/8" pack rust below the baseplate.	Floorbeam 68, Stringer 1 - Clean, paint, and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00295	OPEN



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7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					
7	7	Superstructure/Floorbeams	No defects noted.					
6	6	Superstructure/Truss	West Truss, Top Chord, U67-U69, Handhole at U67 - There is corrosion bleeding from the hole.	West Truss, Top Chord, U67-U69, Handhole at U67 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00120	OPEN
6	6	Superstructure/Truss	West Truss, U67-M68, Top Handhole at U67 – There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	West Truss, U67-M68, Top Handhole at U67 – Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00499	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, U67-M68, at U67, South Web - There is a 2'-0" long x full-width area of unpainted steel. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, U67-M68, at U67, South Web - Clean and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00216	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	East Truss, U67-M68, Top Handhole at U67 – There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, U67-M68, Top Handhole at U67 – Clean handhole of debris and paint.	101	3	2019-BCZ472001 (S17-S19)-00498	CLOSE-CONSULTANT
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, L68W-L68E, North Face, top of Bottom Flange - There is up to 3/16" deep painted over pitting and on the bottom 2" of the web over most of it's length.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Center Connection at L68W-L68E, Bottom Connection Plate - There is up to 3/4" pack rust over a 6" length.	Lower Lateral Brace, Center Connection at L68W-L68E, Bottom Connection Plate - Clean, paint and add filler.		3	2019-BCZ472001 (S17-S19)-00359	OPEN
		59.PP 68- PP 69						
6	7	Superstructure/Secondary Members	No defects noted.					
7	7	Superstructure/Paint	See condition notes for individual components.					



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5	5	Superstructure/Jo ints	The northbound joint is open 2" at 48°F and is depressed 1" with debris accumulation. The southbound joint is open 2" at 41°F, has heavy pack rust and is crushed/raised 1/2".					
5	5	Superstructure/Jo ints	PP69 Compression Joint Seal, Southbound Lanes - The seal is missing throughout the southbound left lane. The remaining portions typically have cracking of the rubber joint seal at the roadway causing leakage to the elements below and corrosion to the open joint below deck.	PP69 Compression Joint - Replace the joint seal.	102	2	2019-BCZ472001 (S17-S19)-00020	OPEN
7	7	Superstructure/B earings	Floorbeam 69, Stringer 9 - The neoprene pad is compressed on the southeast corner due to delaminated steel build up underneath.	Floorbeam 69, Stringer 9 - Clean and paint under the bearing and replace the neoprene pad if damaged.		3	2019-BCZ472001 (S17-S19)-00447	OPEN



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7	7	Superstructure/Bearings	Floorbeam 69, Stringer 1 - The bearing pad extends 1/2" on the south and north faces. The pad exhibits some minor bulging due to compression. The pad is larger than the sole plate and there is no loss of bearing. FY 2023 Inspection: The repair associated with this defect has been deemed not required. The repair status has been changed to CLOSE-CONSULTANT.	Floorbeam 69, Stringer 1 - Reset the bearing pad. . FY 2023 Inspection: The repair associated with this defect has been deemed not required. The repair status has been changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00319	CLOSE-CONSULTANT
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 69, South Face, Bay 1 - There is a 3'-6" long x 2" high area of 3/16" deep painted over section loss that extends 4" wide on to the top face of the bottom flange.					
6	6	Superstructure/Floorbeams	Floorbeam 69, Top Flange, in Bay 4 - There is moderate debris accumulation on the top flange.					



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6	6	Superstructure/Floorbeams	Floorbeam 69, connection to the East Truss - There is 1/4" pack rust between the floorbeam top strut connection angle and L69-U69 on the north and south sides.	Floorbeam 69, connection to the East Truss - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00361	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 69, Bottom Flange, south edge - There are isolated up to 6" long x 1/4" deep gouges throughout. There is isolated minor corrosion at the gouges.	Floorbeam 69, Bottom Flange, south edge - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00437	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 69, North Face, top of the Bottom Flange - There is up to 3/8" deep painted over section loss in isolated areas up to 6" diameter.					
6	6	Superstructure/Truss	West Truss, L69-U69, interior, north half - Approximately 50% of the height exhibits peeling paint and minor to moderate corrosion.	West Truss, L69-U69, interior, north half - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00217	OPEN



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6	6	Superstructure/Truss	West Truss, L69-U69, Bottom Handhole at L69 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: There is no diaphragm present at L69. This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	West Truss, L69-U69, Bottom Handhole at L69 - Clean handhole of debris and paint. FY 2023 Inspection: There is no diaphragm present at L69. This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00461	CLOSE-CONSULTANT
6	6	Superstructure/Truss	West Truss, M68-L69, West Face, splice plate, and gusset plates at M68 - The splice plate and gusset plates have been wire wheel cleaned, but have not been painted.	West Truss, M68-L69, West Face, splice plate, and gusset plates at M68 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00122	OPEN
6	6	Superstructure/Truss	West Truss, M68-L69, Top Handhole at M68 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	West Truss, M68-L69, Top Handhole at M68 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00081	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	East Truss, L69, Inboard Gusset Plate - There is corrosion bleeding from the connection to Floorbeam 69. There is surface corrosion immediately below the Floorbeam 69 connection angle to the lower lateral bracing.					
6	6	Superstructure/Truss	East Truss, Bottom Chord, L68-L69, West Face - There are numerous small areas of moderate rust and/or painted over pitting up to 1/8" deep, generally in areas about 4" in diameter. There is a similar condition on the top face.	East Truss, Bottom Chord, L68-L69, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00358	OPEN
6	6	Superstructure/Truss	East Truss, M68-L69, Top Handhole at M68 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, M68-L69, Top Handhole at M68 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00074	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, M68-L69 - There is moderate debris accumulation between the gusset plates at the bottom of the member.					



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6	6	Superstructure/Truss	East Truss, L69-U69, Interior - There is extensive peeling paint with moderate surface corrosion from 10'-0" above the parapet down to the bottom of the member.	East Truss, L69-U69, Interior - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00070	OPEN
7	7	Superstructure/Secondary Bracing	PP69, Second and Third Struts from the roadway, Top Face - There is light corrosion throughout.	PP69, Second and Third Struts from the roadway, Top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00457	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L69 - There are two (2) nuts that are not fully seated on the connection plate, with up to 1/2" gap.	Lower Lateral Brace, connection to the West Truss, at L69 - Tighten the unseated nuts.	103	3	2021-BCZ472001 (S17-S19)-00121	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L69 - There is one (1) tack weld on the east side of the top flange and the top connection plate. Tack welds are typical in this location.					
		59.PP 69- PP 70						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					



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6	6	Superstructure/Bearings	Floorbeam 70, Stringers 2-8 - The masonry plates are bent up to 1/8" upwards at the center due to pack rust. Stringers 7 and 8 are bent up to 1/4".	Floorbeam 70, Stringers 2-8 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00360	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 70, South Face, Top Flange, in Bays 1 and 2 - The top flange is deflected downward approximately 1/2" between the bearings.					
7	7	Superstructure/Floorbeams	Floorbeam 70, North Face, top of the Bottom Flange, in Bays 1 - 3 and Bay 5 - There are 1'-0" long x 6" wide areas of failed paint.	Floorbeam 70, North Face, top of the Bottom Flange, in Bays 1 - 3 and 5 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00246	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 70, South Face, top of the Bottom Flange, in Bay 7 - There is a 4'-0" long area of peeling paint and minor corrosion. There are smaller areas of peeling paint throughout.	Floorbeam 70, South Face, top of the Bottom Flange, in Bay 7 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00448	OPEN



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7	7	Superstructure/Floorbeams	Floorbeam 70, North Face, Top Flange, at Stringer 4 - The flange is deflected downward 1/4" due to pack rust.	Floorbeam 70, North Face, Top Flange, at Stringer 4 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00123	OPEN
6	6	Superstructure/Truss	West Truss, U69-M70, 10'-0" from M70, Bottom Face - There is a 10'-0" long x up to 10" wide area that has been wire brushed. The paint has been removed with primer coat visible. Within this, there is a 1'-6" long x 6" wide area of minor to moderate corrosion.	West Truss, U69-M70, 10'-0" from M70, Bottom Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00103	OPEN
6	6	Superstructure/Truss	West Truss, L69-M70, Northwest Flange - There is an up to 3/4" deep gouge due to previously removed steel cables.					
6	6	Superstructure/Truss	West Truss, at L70, Inboard Gusset Plate, west end - There is up to 1/4" pack rust with light surface corrosion.	West Truss, at L70, Inboard Gusset Plate, west end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00363	OPEN
6	6	Superstructure/Truss	East Truss, U69-U71, Bottom Face, Hand Hole North of U69 - There is moderate corrosion and minor delamination with paint failure around the perimeter of the hand hole.	East Truss, U69-U71, Bottom Face, Hand Hole North of U69 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00102	OPEN



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6	6	Superstructure/Truss	East Truss, U69-M70, Handhole at M70 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect was not observed. There is no diaphragm present at M70. Repair status changed to CLOSE-CONSULTANT.	East Truss, U69-M70, Handhole at M70 - Clean handhole of debris and paint. Repair the drain apron. FY 2023 Inspection: This defect was not observed. There is no diaphragm present at M70. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00362	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, L69-L70, Top Face - There are random 4" diameter x 1/8" deep areas of painted over pitting.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L70 - There is up to 1/4" pack rust along the interface of both connection plates with the lower lateral brace.	Lower Lateral Brace, connection to the East Truss, at L70 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00125	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L70 - There is one (1) bolt at the lower gusset plate that has the lower portion of the bolt and nut sheared off.	Lower Lateral Brace, connection to the East Truss, at L70 - Replace the bolt.		3	2021-BCZ472001 (S17-S19)-00124	OPEN
		59.PP 70- PP 71						
7	7	Superstructure/Secondary Members	No defects noted.					



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6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stairways	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 71, connection to the West Truss, Bottom Flange, T-connection - There is moderate corrosion on the top edge of the T connection adjacent to the truss member with additional moderate corrosion on two (2) upper bolts.	Floorbeam 71, connection to the West Truss, Bottom Flange, T-connection - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00128	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 71, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible					



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6	6	Superstructure/Floorbeams	Floorbeam 71, at L71, connection to the East Truss, Bottom Flange connection T plate, South Side - There is a 2'-0" long area of failing paint and active surface corrosion with pitting up to 5/16" deep (1/2" original thickness).	Floorbeam 71, connection to the East Truss, Bottom Flange connection plate - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00120	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 71, connection to the East Truss, T-connection - There are two (2) nuts with active corrosion and delamination and 25-50% section loss.	Floorbeam 71, connection to the East Truss, T-connection - Clean and paint nuts.		3	2019-BCZ472001 (S17-S19)-00364	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 71, bottom of the Bottom Flange - There are ten (10) scattered 6" long x full-width areas of failed paint with active corrosion throughout.	Floorbeam 71, bottom of the Bottom Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00127	OPEN
6	6	Superstructure/Truss	West Truss, U71, Inboard Gusset plate - The shim plate is deformed up to 1/4" due to pack rust. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	West Truss, U71, Inboard Gusset plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00500	CLOSE-CONSULTANT
6	6	Superstructure/Truss	West Truss, L71-U71, Interior, South Face - There is an 8" wide x 5" high area of failing paint with active surface corrosion.					



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6	6	Superstructure/Truss	West Truss, M70-L71, Top Handhole at M70 - There is minor debris accumulation at the diaphragm with evidence of ponding water and moderate corrosion bleeding from the hole and minor delamination.	West Truss, M70-L71, Top Handhole at M70 - Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00080	OPEN
6	6	Superstructure/Truss	West Truss, M70-L71, West Face, splice plate and gusset plates - The plate has been wire wheel cleaned, but not painted.					
6	6	Superstructure/Truss	West Truss, at L71, Inboard Gusset Plate, bottom edge - There is a 10" long x 3 1/2" high area of up to 5/16" deep section loss with moderate laminar corrosion.	West Truss, at L71, Inboard Gusset Plate, bottom edge - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00198	OPEN
6	6	Superstructure/Truss	East Truss, U71-L71, Interior - There is paint failure with moderate surface corrosion on all interior faces for the full-height of the south half and the bottom half of the north half, most significant in the bottom 10'-0".	East Truss, U71-L71, Interior - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00071	OPEN



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6	6	Superstructure/Truss	East Truss, M70-L71, Handhole at M70 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, M70-L71, Handhole at M70 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2013-BCZ472001 (S17-S19)-00075	CLOSE-CONSULTANT
7	7	Superstructure/Secondary Bracing	No defects noted.					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, Center Connection at L70W-L70E - There is 1/8" pack rust between the connection plates and stiffener angle.	Lower Lateral Brace, Center Connection at L70W-L70E - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00126	OPEN
		59.PP 71- PP 72						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Strainers	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 72, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
7	7	Superstructure/Floorbeams	Floorbeam 72, Top Flange, Top Face, north end, at Stringer 1 - There is moderate corrosion with up to 1/8" section loss.	Floorbeam 72, Top Flange, Top Face, north end, at Stringer 1 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00173	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 72, east end, top of the Bottom Flange, 10'-0" West of L72 - There is up to full width x up to 1/16" deep painted over pitting.					
7	7	Superstructure/Floorbeams	Floorbeam 72, east end, at the lower lateral brace connection plate - There is a 2'-0" long x 11" high area of active corrosion. The first stiffener exhibits up to 1/16" delaminating rust in the bottom 4" on the south side.	Floorbeam 72, east end, at the lower lateral brace connection plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00336	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 72, West End, Bottom Flange, Top Face, North Side, 8'-0" from L72 - There is a 4" diameter x 1/8" deep area of pitting, and several 10" long x 4" wide areas of active minor to moderate corrosion.	Floorbeam 72, West End, Bottom Flange, Top Face, North Side, 8'-0" from L72 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00106	OPEN



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6	6	Superstructure/Truss	West Truss, at L72, Inboard and Outboard Gusset Plates - There is up to 1/2" pack rust along the bottom of the inboard gusset plate, and 1/4" pack rust along the bottom edge of the outboard gusset plate.	West Truss, at L72, Inboard and Outboard Gusset Plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00436	OPEN
6	6	Superstructure/Truss	West Truss, L71-M72 at L71, East Face - There is a 1'-1" long x 7" wide x up to 1/8" deep area of painted over pitting.					
6	6	Superstructure/Truss	West Truss, L71-M72, West Flange, East Face, at the gusset plate connection - There is 6" long x 4" high minor paint failure and surface corrosion.	West Truss, L71-M72, West Flange, East Face, at the gusset plate connection - Clean and paint.	104	3	2023-BCZ472001 (S17-S19)-00107	OPEN
6	6	Superstructure/Truss	West Truss, L71-M72, northwest corner, approximately 10'-0" above the deck - There is a 1/2" high x 1/4" deep gouge.					
6	6	Superstructure/Truss	West Truss, Bottom Chord, L71-L72, at L71, Top Face - There is a 3" long x 1'-0" wide area of 1/8" deep section loss with active corrosion.	West Truss, Bottom Chord, L71-L72, at L71, Top Face - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00171	OPEN



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6	6	Superstructure/Truss	East Truss, at L72, Inboard and Outboard Gusset Plates - There is a 3'-0" long area of up to 1/2" pack rust along the bottom edge of each plate.	East Truss, at L72, Inboard and Outboard Gusset Plates - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00172	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L72 - There is up to 1/8" deep painted over pitting on the the bottom flange (1'-1" long x full-width) and the south face of the web (7" long x 5" high)					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L72, bottom connection plate - There is up to 1/2" pack rust for the full width of the bottom flange.	Lower Lateral Brace, connection to the West Truss, at L72, bottom connection plate - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00405	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L2, top and bottom connection plates - There is up to 5/16" pack rust between the connection plates and the flanges.	Lower Lateral Brace, connection to the East Truss, at L2, top and bottom connection plates - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00174	OPEN
		59.PP 72- PP 73						
7	7	Superstructure/Secondary Members	No defects noted.					



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6	7	Superstructure/Paint	See condition notes for individual components.					
7	5	Superstructure/Joints	PP73 Compression Joint Seal - The northbound joint is open 1 1/3" at 48°F and is depressed 1" with debris accumulation. The southbound joint is open 3/4" at 41°F and has minor debris accumulation.					
7	7	Superstructure/Bearings	Floorbeam 73, Stringer 1, Bearing Pad - The pad has walked out 1/2" to the south.	Floorbeam 73, Stringer 1, Bearing Pad - Reset the bearing pad.		3	2021-BCZ472001(S17-S19)-00175	OPEN
7	7	Superstructure/Bearings	Floorbeam 73, Stringer 2, Bearing Pad - The pad has walked out 1/4" to the north.	Floorbeam 73, Stringer 2, Bearing Pad - Reset the bearing pad.		3	2021-BCZ472001(S17-S19)-00176	OPEN
7	7	Superstructure/Bearings	Floorbeam 73, Stringer 5, Bearing Pad - The east side is compressed and has walked out 3/8" to the southeast.	Floorbeam 73, Stringer 5, Bearing Pad - Reset the bearing pad.		3	2010-BCZ472001-00182	OPEN
7	7	Superstructure/Bearings	Floorbeam 73, Stringer 9 - There is moderate corrosion and delaminated steel 1'-6" long x 9" wide on the top face of the top flange which is compressing the bearing pad.	Floorbeam 73, Stringer 9 - Clean and paint, reset bearing pad.		3	2019-BCZ472001(S17-S19)-00365	OPEN
7	7	Superstructure/Utilities	No defects noted.					



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7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
5	5	Superstructure/Floorbeams	Floorbeam 73, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible. There is moderate corrosion in and around the holes on the west end.	Floorbeam 73, east and west ends, at the longitudinal stiffener plates - Clean and paint in and around the arrest holes.		3	2019-BCZ472001 (S17-S19)-00366	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 73, bottom of the Bottom Flange, west end - There is a 1'-4" long x full-width area of up to 1/4" deep painted over pitting/section loss with an adjacent area of moderate corrosion.	Floorbeam 73, bottom of the Bottom Flange, west end - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00108	OPEN



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5	5	Superstructure/Floorbeams	Floorbeam 73, connection to the West Truss, Top Flange connection plate, North Side - There is a deformation at the Tee connection and the top flange, bending the top flange of the floorbeam down 3/8" for a 4" length. FY 2023 Inspection: The deformation was observed, but not the previously noted 3/8" pack rust. Repair status changed to CLOSE-CONSULTANT as repair is not required.	Floorbeam 73, connection to the West Truss, Top Flange connection plate - Clean and paint. FY 2023 Inspection: The deformation was observed, but not the previously noted 3/8" pack rust. Repair status changed to CLOSE-CONSULTANT as repair is not required.	105	3	2019-BCZ472001 (S17-S19)-00435	CLOSE-CONSULTANT
5	5	Superstructure/Floorbeams	Floorbeam 73, top of the Bottom Flange, North side below Stringer 1 - There is a 3" diameter area of 1/4" deep painted over section loss with an adjacent 1" diameter x 1/4" deep area of painted over section loss.					
5	5	Superstructure/Floorbeams	Floorbeam 73, Top and Bottom Flanges, between Stringer 3 and Stringer 4 - Both flanges have up to 1/4" upward deformation at depth transitions.					



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5	5	Superstructure/Floorbeams	Floorbeam 73, connection to the East Truss, Just West of Lower Lateral Brace, Bottom Flange, Bottom Face - There is an up to 1'-3" long x 8" wide area of failing paint with moderate surface corrosion, delamination, and pitting along the south edge, resulting in up to 5/16" of section loss.	Floorbeam 73, connection to the East Truss, Just West of Lower Lateral Brace, Bottom Flange, Bottom Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00367	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 73, South Face, Bottom Longitudinal Stiffener, Bottom Face, east end, 8'-0" from L73 - There is a 2'-0" long area of peeling paint with minor corrosion, with an adjacent area on the top face of the bottom flange in the same condition.	Floorbeam 73, South Face, Bottom Longitudinal Stiffener, Bottom Face, east end, 8'-0" from L73 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00184	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 73, connection to the East Truss, Bottom Flange connection plate - There is moderate delamination on the south side.	Floorbeam 73, connection to the East Truss, Bottom Flange connection plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00183	OPEN
5	5	Superstructure/Floorbeams	Floorbeam 73, West Truss Connection, Bottom Flange Tee Connection, South Edge - There is a 9" long x 1" high area of moderate corrosion with delamination.	Floorbeam 73, West Truss Connection, Bottom Flange Tee Connection, South Edge - Clean and paint.	106	3	2023-BCZ472001 (S17-S19)-00109	OPEN



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6	6	Superstructure/Truss	West Truss, M72-L73, at M72, North Face, splice plate - The east edge is bowed up to 1/8". FY 2023 Inspection: The previously reported pack rust was not observed. Repair status changed to CLOSE-CONSULTANT.	West Truss, M72-L73, at M72, North Face, splice plate - Clean and paint. FY 2023 Inspection: The previously reported pack rust was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00219	CLOSE-CONSULTANT
6	6	Superstructure/Truss	West Truss, Top Chord, U71-U73, at U73, Interior - There is minor freckled corrosion on all faces for the end 4'-0".	West Truss, Top Chord, U71-U73, at U73, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00395	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U71-U73, at U73, Underside - There is failing paint, bleeding rust and active surface corrosion along the connection plate.	West Truss, Top Chord, U71-U73, at U73, Underside - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00222	OPEN
6	6	Superstructure/Truss	West Truss, U73-L73, at U73 - There is failing paint, bleeding rust and active surface corrosion beneath the connection plate.	West Truss, U73-L73, at U73 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00177	OPEN
6	6	Superstructure/Truss	East Truss, M72-L73, at M72, Interior - There is surface corrosion on all faces for a 15'-0" long section covering about 20% of the interior surface area.	East Truss, M72-L73, at M72, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00221	OPEN



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6	6	Superstructure/Truss	East Truss, M72-L73, Top Handhole at M72 – There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	East Truss, M72-L73, Top Handhole at M72 – Clean handhole of debris and paint.		3	2013-BCZ472001 (S17-S19)-00077	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, U73-L73, at U73 - The interior faces of both of gusset plates and the interior face of the top plate of the top chord exhibit minor corrosion.	East Truss, U73-L73, at U73 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00401	OPEN
6	6	Superstructure/Truss	East Truss, U73-L73, Interior Faces, Bottom 10'-0" - There is paint failure on 20% of the interior surface area.	East Truss, L73-U73, Interior - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00072	OPEN
7	7	Superstructure/Sway Bracing	Top Sway Brace, connection to the West Truss, at U73, North Face of the Diagonal - There are tack welds in the top flange and fill plates. These tack welds are typical.					
7	7	Superstructure/Lateral bracing	No defects noted.					



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		59.PP 73- PP 74						
N	N	Superstructure/Secondary Members	No defects noted.					
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 73, Stringer 5 - There is up to 1/4" pack rust between the sole plate and the top flange.	Floorbeam 73, Stringer 5 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00368	OPEN
7	7	Superstructure/Bearings	Floorbeam 74, Stringer 6 - There is up to 1/4" pack rust between the sole plate and the top flange. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 74, Stringer 6 - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00179	CLOSE-CONSULTANT
7	7	Superstructure/Bearings	Floorbeam 73, Stringer 7 - There is up to 1/4" pack rust between the sole plate and the top flange.	Floorbeam 73, Stringer 7 - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00180	OPEN
7	7	Superstructure/Bearings	Floorbeam 73, Stringer 8 - There is up to 1/4" pack rust between the sole plate and the top flange.	Floorbeam 73, Stringer 8 - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00181	OPEN



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7	7	Superstructure/Bearings	Floorbeam 74, Stringer 9 - There is up to 1/4" pack rust between the sole plate and the top flange. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 74, Stringer 9 - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00182	CLOSE-CONSULTANT
7	7	Superstructure/Bearings	Floorbeam 74, Stringer 2 - The sole plate is deformed up to 1/8" due to pack rust.	Floorbeam 74, Stringer 2 - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00185	OPEN
7	7	Superstructure/Bearings	Floorbeam 74, Stringer 3 - The sole plate is deformed up to 1/4" due to pack rust.	Floorbeam 74, Stringer 3 - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00186	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 74, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					



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7	7	Superstructure/Floorbeams	Floorbeam 74, North Face, Web, east end - There are two (2) 4" high x 4" wide areas of 3/16" deep painted over pitting adjacent to the top of the north web connection angle, and just above the longitudinal stiffener. There is also a 8" long x 6" wide x 5/16" deep area of painted over section loss on the bottom face of the bottom flange.					
7	7	Superstructure/Floorbeams	Floorbeam 74, at West Truss Connection, South Side - There is a 3'-8" long x up to 5" high area of moderate corrosion in the web. There is an adjacent area of moderate corrosion on the vertical stiffener full width x 4" high, and on the top face of the bottom flange 7" long x 8" wide with delamination.	Floorbeam 74, at West Truss Connection, South Side - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00110	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L73-L74, at L73, Bottom Face, Field Splice - There is up to 3/4" pack rust. The shim plate at the northwest corner is deformed up to 1 1/4" due to pack rust.	West Truss, Bottom Chord, L73-L74, at L73, Bottom Face, Field Splice - Clean, paint and caulk the area of pack rust. Consider replacing the field splice plate.		3	2015-BCZ472001 (S17-S19)-00056	OPEN



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6	6	Superstructure/Truss	West Truss, L73-M74, approximately 10'-0" above the deck - There are 1/2" high x 1/2" deep gouges on the southwest and northwest corners, and three (3) 1/2" high gouges on the northeast corner ranging from 1/4" to 3/4" deep.					
6	6	Superstructure/Truss	West Truss, L73-M74, at L73, East Face, above the gusset - There is a full-width x 10" high area of 1/8" deep painted over pitting.					
6	6	Superstructure/Truss	West Truss, Top Chord, U73-U75, at U73, Interior - There is minor freckled corrosion on all faces for the end 4'-0".	West Truss, Top Chord, U73-U75, at U73, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00394	OPEN
6	6	Superstructure/Truss	West Truss, L73-L74, East Face, 10'-0" South of L74 - There is a 11" diameter area of 1/8" deep painted over pitting with some corrosion reactivating.					
6	6	Superstructure/Truss	East Truss, Bottom Chord, L73-L74, Bottom Face, Field Splice - The splice plate is deformed 1 1/4" due to pack rust along the east and west sides.	East Truss, Bottom Chord, L73-L74, Bottom Face, Field Splice - Clean, paint and caulk the area of pack rust. Consider replacing the splice plate.		3	2015-BCZ472001 (S17-S19)-00057	OPEN



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6	6	Superstructure/Truss	East Truss, L73-M74, at M74, Interior - There is minor corrosion on all faces for the end 4'-0"	East Truss, L73-M74, at M74, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00402	OPEN
6	6	Superstructure/Truss	East Truss, L73-M74, at M74, Interior: - There are four (4) long bolts protruding within diagonal.					
6	6	Superstructure/Truss	East Truss, at L74, Inboard and Outboard Gusset Plates - The bottom edge of the inboard gusset plate is pried out 3/16" due to pack rust at the north end for 4'-3" long, and there is moderate delamination along the bottom edge. The outboard gusset plate is pried out up to 1/8" due to pack rust for the full length.	East Truss, at L74, Inboard and Outboard Gusset Plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00369	OPEN
6	6	Superstructure/Lateral bracing	Top Lateral Brace, connection to the West Truss, at U73 - There are tack welds in the top flange and fill plates. This is typical at this location.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L74, Top and Bottom Connection Plates - There is up to 3/8" pack rust between the connection plates and the flanges that has caused the top and bottom connection plates to deform.	Lower Lateral Brace, connection to the West Truss, at L74, Top and Bottom Connection Plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00434	OPEN
6	6	Superstructure/Lateral bracing	Top Lateral Brace, connection to the East Truss, at U73 - There are tack welds in the bottom of the fill plates. This is typical at this location.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L74 - There is 1/2" pack rust, with associated moderate corrosion along the interface edges, between the bracing bottom flange and the lower connection plate causing the plate to pry downward. There is also 1/4" pack rust between the top flange of the lower lateral brace and the top of the connection plate. The top connection plate at this location has up to 1/4" pack rust between the plate and the lower longitudinal stiffener.	Lower Lateral Brace, connection to the East Truss, at L74 - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00370	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L74, top of the Bottom Flange, West Side - There is a 6" long x up to 4" wide area of up to 1/4" deep painted over pitting.					
		59.PP 74- PP 75						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	6	Superstructure/Bearings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
7	7	Superstructure/Floorbeams	Floorbeam 75, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					



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7	7	Superstructure/Floorbeams	Floorbeam 75, South Face, east end - The bottom of the web has an 8" wide x 8" high area of moderate corrosion with 1/16" deep section loss.	Floorbeam 75, South Face, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00449	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U73-U75, 5'-0" from U75, Bottom Face - There is a 3" long x 10" wide area of paint failure and minor corrosion.	West Truss, Top Chord, U73-U75, 5'-0" from U75, Bottom Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00124	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U73-U75, at U75, Interior - The interior has minor corrosion on the bottom for the end 4'-0".	West Truss, Top Chord, U73-U75, at U75, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00393	OPEN
6	6	Superstructure/Truss	West Truss, Inboard and Outboard Gusset Plates at L75 - There is 1/4" pack rust along the full length of the bottom edge.	East Truss, at L75, Outboard Gusset Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00224	OPEN
6	6	Superstructure/Truss	West Truss, L73-U75, at U75, Interior - The interior has minor corrosion.	West Truss, L73-U75, at U75, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00392	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L74-L75, Top Face - There are several scattered areas of 1/8" deep painted over section loss that are generally 4" in diameter.					



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6	6	Superstructure/Truss	East Truss, M74-U75, at M74, Interior - There is surface corrosion on all faces for a 15'-0" long section covering about 50% of the interior surface area.	East Truss, Bottom Chord, L74-L75, Top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00223	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L74-L75, at L75, West Face - There are several areas of painted over 1/8" deep section loss in an area between the upper and lower gusset plates for the lateral bracing. Below the bottom gusset, the truss has a 1'-3" long x up to 3" high x 5/16" deep area of painted over section loss with corrosion reactivating. The Tee connection in this location exhibits moderate corrosion and delamination on the both legs.	East Truss, Bottom Chord, L74-L75, at L75, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00371	OPEN
6	6	Superstructure/Truss	East Truss, M74-U75, Top Handhole at U75 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. The drain apron has failed. FY 2023 Inspection: This defect has been repaired. Repair status has been changed to CLOSE-CONSULTANT.	East Truss, M74-U75, Top Handhole at U75 - Clean handhole of debris and paint. Repair the drain apron. FY 2023 Inspection: This defect has been repaired. Repair status has been changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00274	CLOSE-CONSULTANT



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7	7	Superstructure/Sway Bracing	No defects noted.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, Center Connection at Floorbeam 74 - There are 1 1/2" long tack welds between the lateral bracing bottom flange and the fill plates. Tack welds in this location are typical.		107			
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L75, top and bottom connection plates - There is up to 1/2" pack rust between the connection plates and the flanges with associated minor to moderate corrosion for a 2'-0" length on the bottom plate.	Lower Lateral Brace, connection to the West Truss, at L75, top and bottom connection plates - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00247	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L75, bottom of the Bottom Flange - There are areas of 5/16" deep painted over section loss up to 10" long x up to 6" wide within the end 6'-0". There are adjacent up to 1'-0" high x up to 9" wide x up to 1/4" deep areas of painted over pitting in the web. The bottom connection plate is pried downward 5/8" due to pack rust between the bottom flange and the connection plate. The top connection plate is deformed up to 1 1/4" at this location due to pack rust that had been cleaned, painted, and sealed, but corrosion is reactivating.	Lower Lateral Brace, connection to the East Truss, at L75, bottom of the Bottom Flange and Web - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00373	OPEN
		59.PP 75- PP 76						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	6	Superstructure/Bearings	Floorbeam 76, Stringers 1-9 - There is up to 1/2" pack rust between the sole plates and the top flange.	Floorbeam 76, Stringers 1-9 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00374	OPEN
7	7	Superstructure/Utilities	No defects noted.					



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7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 76, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible. There is also an area of failing paint and active surface corrosion adjacent to holes, one hole is visible and the other is painted over.	Floorbeam 76, east and west ends, at the longitudinal stiffener plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00272	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 76, South Face, top of the Bottom Flange, east end - There is 7" long x 6" wide area of failing paint with active surface corrosion that extends up 3" high on the east side of the first stiffener from the east end.	Floorbeam 76, South Face, top of the Bottom Flange, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00501	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 76, South Face, bottom of the Bottom Flange, east end - There is a 2'-0" long x 10" wide of 3/16" deep painted over pitting.					



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6	6	Superstructure/Floorbeams	Floorbeam 76, at Connection to West Truss, Bottom Flange, Top Face - There is a 1'-4" long x 8" wide area of moderate corrosion with minor delamination.	Floorbeam 76, at Connection to West Truss, Bottom Flange, Top Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00127	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U75-U76 - There is corrosion bleeding from the handhole.					
6	6	Superstructure/Truss	West Truss, Top Chord, U75-U77, at U75, Interior - There is minor corrosion on all faces for the end 4'-0" and corrosion bleeding from the handhole.	West Truss, Top Chord, U75-U77, at U75, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00391	OPEN
6	6	Superstructure/Truss	West Truss, L76-M76, East Face, 7'-0" above the deck - There is a 6" diameter area and a 1'-6" high x 1'-0" wide area located just above the parapet, with peeling paint with active corrosion.	West Truss, L76-M76, East Face, 7'-0" above the deck - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00128	OPEN
6	6	Superstructure/Truss	West Truss, at L76, Inboard Gusset Plate - There is reactivating minor corrosion 3'-0" long along the bottom edge.	West Truss, at L76, Inboard Gusset Plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00273	OPEN



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6	6	Superstructure/Truss	East Truss, L75-U75, at L75, West Face - There is pack rust and corrosion staining originating from behind the Tee connection at the floorbeam top flange.	East Truss, L75-U75, at L75, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00460	OPEN
6	6	Superstructure/Truss	East Truss, U75-U77, at U75, Interior - There is minor corrosion on all faces for the end 4'-0".	East Truss, U75-U77, at U75, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00403	OPEN
6	6	Superstructure/Truss	East Truss, L76-M76, at the catwalk connection - There is minor corrosion, peeling paint and bleeding rust, along with up to 1'-0" diameter areas of 1/16" deep painted over pitting on the south face in the bottom 20'-0".	East Truss, L76-M76, at the catwalk connection - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00196	OPEN
6	6	Superstructure/Truss	East Truss, at L76, Inboard and Outboard Gusset Plates - The Inboard Gusset Plate has a 1'-3" long x 5" high area of 1/4" deep painted over section loss along along the bottom edge below the lateral bracing horizontal gusset plate. The Inboard Gusset Plate is pried out up to 1/2" due to pack rust along the bottom edge. The Outboard Gusset Plate is pried out up to 1/4" due to pack rust.	East Truss, at L76, Inboard and Outboard Gusset Plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00377	OPEN



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6	6	Superstructure/Truss	East Truss, L76-M76 - There is a 20'-0" high area of scraped paint with minor corrosion due to steel cables.	East Truss, L76-M76 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00203	OPEN
6	6	Superstructure/Lateral bracing	Upper Lateral Brace, U75W-U77E - There are isolated areas of peeling paint and corrosion on the web.	Upper Lateral Brace, U75W-U77E - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00270	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L76 - There is up to 1/2" pack rust for a 2'-0" length at the top and bottom connection plates on the west side, slightly deforming the bottom connection plate.	Lower Lateral Brace, connection to the West Truss, at L76 - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00197	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, at connection to the West Truss, at L76, bottom of the Bottom Flange - There is a 2" long x 5" wide area of 1/4" deep section loss.	Lower Lateral Brace, connection to the West Truss, at L76, bottom of the Bottom Flange - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00198	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L76 - The top and bottom connection plates are pried upward/downward 5/8" due to pack rust between the flanges and the connection plates.	Lower Lateral Brace, connection to the East Truss, at L76 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00378	OPEN



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59.PP 76- PP 77							
7	7	Superstructure/Secondary Members	No defects noted.				
6	7	Superstructure/Paint	See condition notes for individual components.				
6	5	Superstructure/Joints	PP77 Compression Joint Seal - The northbound joint is open 2 1/4" at 48°F and is depressed 1 1/2" with debris accumulation. The southbound joint is open 2 1/4" at 41°F with adhesion failure and minor debris accumulation.				
6	6	Superstructure/Bearings	Floorbeam 77, Stringer 1, Bearing Pad - The pad has walked up to 3/4" to the south.	Floorbeam 77, Stringer 1, Bearing Pad - Reset the bearing pad.		3	2021-BCZ472001 (S17-S19)-00199 OPEN
6	6	Superstructure/Bearings	Floorbeam 77, Stringers 1-4 - There is up to 1/4" pack rust.	Floorbeam 77, Stringers 1-4 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00201 OPEN
6	6	Superstructure/Bearings	Floorbeam 77, Stringer 4, Bearing Pad - The pad has walked out towards the north up to 1".	Floorbeam 77, Stringer 4, Bearing Pad - Reset the bearing pad.		3	2019-BCZ472001 (S17-S19)-00376 OPEN
6	6	Superstructure/Bearings	Floorbeam 77, Stringer 5, Bearing Pad - The pad has walked out up to 1/4" to the south.	Floorbeam 77, Stringer 5, Bearing Pad - Reset the bearing pad.		3	2021-BCZ472001 (S17-S19)-00200 OPEN
6	6	Superstructure/Bearings	Floorbeam 77, Stringer 8, Bearing Pad - The pad has walked out up to 1/4" to the south.	Floorbeam 77, Stringer 8, Bearing Pad - Reset the bearing.		3	2023-BCZ472001 (S17-S19)-00129 OPEN



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6	6	Superstructure/Bearings	Floorbeam 77, Stringer 9, Bearing Pad - The pad has walked out 5/8" towards the south, and the southeast corner of the bearing pad is deformed due to moderate delamination underneath.	Floorbeam 77, Stringer 9, Bearing Pad - Reset the bearing pad.		3	2010-BCZ472001-00021	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 77, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 77, South Face, Bottom Flange - There are random 3" diameter areas of failing paint with active corrosion throughout.	Floorbeam 77, South Face, Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00276	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 77, South Face, Top Flange, between Stringers 2 and 3 - There is a 2'-6" long x 4" wide area of peeling paint with active corrosion.	Floorbeam 77, South Face, Top Flange, between Stringers 2 and 3 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00277	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 77, North face, between the West Truss and Stringer 2 and at the 1st and 2nd Stiffeners - There is painted over pitting on the longitudinal stiffeners, transverse stiffener (1/8" to 1/4" deep) and the top of the bottom flange. There are isolated areas of moderate corrosion beginning to form at the intersections of the web, transverse stiffener, longitudinal stiffeners, and bottom flange. There is an area 3'-0" long x full width of the north side x 1/4" deep painted over pitting on the top face of the bottom flange. There are additional areas on the north face of the web in the bottom 3'-0" that measure up to 2'-0" long x 5" high x 1/8" deep.	Floorbeam 77, North face, between the West Truss and Stringer 2 and at the 1st and 2nd Stiffeners - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00248	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 77, connection to the East Truss, Bottom Flange connection plate - There is moderate delamination on the horizontal leg of the Tee connection.	Floorbeam 77, connection to the East Truss, Bottom Flange connection plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00379	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 77, bottom of the Bottom Flange, east end - There is a 2'-6" long x full-width area of up to 5/16" deep painted over section loss. Additionally there is 25% section loss on two (2) connection bolts for the lower lateral brace connection plates at this location.					
6	6	Superstructure/Truss	West Truss, Top Chord, U75-U77, at U77, Interior - There is minor corrosion on all faces for the end 4'-0".	West Truss, Top Chord, U75-U77, at U77, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00390	OPEN
6	6	Superstructure/Truss	West Truss, L77-U77, North and East Faces - There is a 1'-0" diameter area of minor peeling paint and minor corrosion at the second hand hole above the second strut from the roadway.	West Truss, L77-U77, North Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00218	OPEN
6	6	Superstructure/Truss	West Truss, L77-U77, Interior - There is a full-length area of failing paint with active surface corrosion. Approximately 25% of the interior surface area is failing. There is also minor corrosion along the perimeter of all the handholes.	West Truss, L77-U77, Interior - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00079	OPEN



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6	6	Superstructure/Truss	East Truss, M76-L77, Northeast and Southeast Flanges - There is surface corrosion for about 10% of the surface area.	East Truss, M76-L77, Northeast and Southeast Flanges - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00225	OPEN
6	6	Superstructure/Truss	East Truss, L77-U77, Interior, bottom 10'-0" - There are up to 1'-0" diameter areas of paint failure with minor surface corrosion inside both halves.	East Truss, L77-U77, Interior, bottom 10'-0" - Clean and paint.		3	2013-BCZ472001 (S17-S19)-00078	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L76-L77, at L77, Interior Faces, bottom 3" - There is a 6'-0" long area of moderate corrosion, and random areas of up to full height paint failure and moderate corrosion.	East Truss, Bottom Chord, L76-L77, at L77, Interior Faces, bottom 3" - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00450	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L76-L77, East and Top Faces - There are random up to 6" diameter areas of 1/8" deep pitting and moderate corrosion.	East Truss, Bottom Chord, L76-L77, East and Top Faces - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00132	OPEN
7	7	Superstructure/Sway Bracing	Diagonal Sway Brace, U77W to Center Connection, Bottom Flange, Bottom Face - There is a 15'-0" long x 1'-0" wide area of paint failure.	Diagonal Sway Brace, U77W to Center Connection, Bottom Flange, Bottom Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00131	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L77, top and bottom connection plates - There is up to 1/4" pack rust between the connection plates and the flanges.	Lower Lateral Brace, connection to the West Truss, at L77, top and bottom connection plates - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00202	OPEN
		59.PP 77- PP 78						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	6	Superstructure/Bearings	Floorbeam 77, Typical - The bearing plates are deformed up to 1/4 due to pack rust"	Floorbeam 77, Typical - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00204	OPEN
6	6	Superstructure/Bearings	Floorbeam 78, Stringer 1 - There is up to 1/2" pack rust between the sole plate and the top flange.	Floorbeam 78, Stringer 1 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00249	OPEN
6	6	Superstructure/Bearings	Floorbeam 78, Stringer 2-5, and 7-9 - The bearing plates are deformed up to 1/4" due to pack rust.	Floorbeam 78, Stringer 2-5, and 7-9 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00205	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					



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6	6	Superstructure/Floorbeams	Floorbeam 78, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 78, South Face, at Stringer 1 - There is reactivated minor corrosion at the bottom flange interface with the vertical stiffener.	Floorbeam 78, South Face, at Stringer 1 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00278	OPEN
6	6	Superstructure/Truss	West Truss, at L77, Field Splice - The shim plate has deformed up to 1/2" due to pack rust.	West Truss, at L77, Field Splice - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00275	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U77-U79, Top Face - There are areas of paint failure causing spot corrosion up to 1'-0" diameter.	West Truss, Top Chord, U77-U79, Top Face - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00027	OPEN
6	6	Superstructure/Truss	West Truss, L78-U78, at L78, South Edge of East Flange at top of L78 Gusset Plate, West Web - There is a 1 1/2" wide x 2 1/4" high area of failing paint with active surface corrosion.	West Truss, L78-U78, at L78, South Face, West Web - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00284	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U77-U79, at U77, Interior - There is minor corrosion on all faces for the end 4'-0".	West Truss, Top Chord, U77-U79, at U77, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00389	OPEN



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6	6	Superstructure/Truss	West Truss, at L78, Inboard and Outboard Gusset Plates - There is 1/4" pack rust along the bottom edge of both plates.	West Truss, at L78, Inboard and Outboard Gusset Plates - Clean, paint, and caulk. Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00133	OPEN
6	6	Superstructure/Truss	East Truss, at L78, Inboard Gusset Plate, north end - There is a 2'-0" long area of up to 3/4" pack rust and a 1'-3" long x 5" high x 1/8" deep area of painted over pitting on the bottom of the inboard face.	East Truss, at L78, Inboard Gusset Plate, north end - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00208	OPEN
6	6	Superstructure/Truss	East Truss, at L78, Outboard Gusset Plate, north end - There is 1/8" pack rust intermittently along the full length.	East Truss, at L78, Outboard Gusset Plate, north end - Clean and paint. Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00209	OPEN
6	6	Superstructure/Truss	East Truss, Lower Chord, L77-L78, Field Splice Adjacent to L77 - There is 1/4" pack rust between the splice fill plate and the bottom chord at the southwest and southeast corners.	East Truss, Lower Chord, L77-L78, Field Splice Adjacent to L77 - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00134	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L78, Top and Bottom Connection Plates - There is up to 1/2" pack rust between the connection plates and the flanges.	Lower Lateral Brace, connection to the West Truss, at L78, Top and Bottom Connection Plates - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00207	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to West Truss, Bottom Flange, Bottom Face - There is a 3" long x full width area of painted over pitting/section loss with as little as 0.385" remaining (0.6" nominal thickness).					
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L78, Top and Bottom Connection Plates - There is 3/4" pack rust between the connection plates and the flanges.	Lower Lateral Brace, connection to the East Truss, at L78, Top and Bottom Connection Plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00382	OPEN
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L78, Bottom Face of Bottom Lower Lateral Brace Connection plate - There is a 4" long x 7" wide area of up to 3/16" deep painted over section loss.					
		59.PP 78- PP 79						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 79, Stringer 1 - There is 1/4" pack rust between the floorbeam and the baseplate on the south face.	Floorbeam 79, Stringer 1 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00503	OPEN



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7	7	Superstructure/Bearings	Floorbeam 79, Stringer 7 - There is up to 1/4" pack rust between the floorbeam and the baseplate. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 79, Stringer 7 - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00380	CLOSE-CONSULTANT
7	7	Superstructure/Bearings	Floorbeam 79, Stringer 8 - There is up to 1/4" pack rust between the floorbeam and the baseplate.	Floorbeam 79, Stringer 8 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00381	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	6	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 79, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 79, Bottom Flange, Top Face - There are up to 1'-0" diameter areas of minor to moderate corrosion typical throughout at vertical stiffeners.	Floorbeam 79, Bottom Flange, Top Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00136	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 79, East End, Bottom Flange, Bottom Face - There is a 8" long x 10" wide x 3/16" deep area of painted over section loss.					
6	6	Superstructure/Truss	West Truss, Top Chord, U77-U79, Top Face - There are areas of paint failure causing spot corrosion.	West Truss, Top Chord, U77-U79, Top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00279	OPEN
6	6	Superstructure/Truss	West Truss, at L79, Inboard Gusset Plate - There is 1/2" pack rust along the bottom edge.	West Truss, at L79, Inboard Gusset Plate - Clean, paint, and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00264	OPEN
6	6	Superstructure/Truss	West Truss, M78-U79, Top Handhole at U79 - There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	West Truss, M78-U79, Top Handhole at U79 - Clean handhole of debris and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00211	CLOSE-CONSULTANT



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6	6	Superstructure/Truss	West Truss, U79-L79, midway between the top chord and the top sway brace connection, East Face of West Flange and South Edge of East Flange - There is a 6" wide x 1'-8" high area of failing paint and active surface corrosion on the south side of the flanges, and an associated 4" diameter area of paint failure and minor corrosion.	West Truss, U79-L79, midway between the top chord and the top sway brace connection, East Face of West Flange and South Edge of East Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00227	OPEN
6	6	Superstructure/Truss	East Truss, M78 - L79, below M78 - There is surface corrosion on the west side of both flanges for about 10% of the surface area on the south side.	East Truss, M78 - L79, below M78 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00228	OPEN
7	7	Superstructure/Sway Bracing	No defects noted.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, at L79, West Truss Connection - There are 1'-5" long areas of failing paint with active surface corrosion on the north and south edges of the top and bottom flanges.	Lower Lateral Brace, at L79, West Truss Connection - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00285	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L79, top and bottom connection plates - There is up to 1/2" pack rust between the connection plates and the flanges.	Lower Lateral Brace, connection to the West Truss, at L79, top and bottom connection plates - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00210	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L79, top and bottom connection plates - The connection plates are pried out of plane resulting in a 3/8" wide gap between the deflected flanges and the plates. The gap has been filled with caulk, but corrosion is reactivating.	Lower Lateral Brace, connection to the East Truss, at L79, top and bottom connection plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00384	OPEN
		59.PP 79- PP 80						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 80, Stringer 2 - The north face of the masonry plate is deformed up to 1/4" due to pack rust.	Floorbeam 80, Stringer 2 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00287	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/Stringers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 80, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 80, Top Flange, north of Stringer 1 - There is a 11" long x 1" wide area of minor to moderate corrosion with delamination and a 1 1/2" long x 8" wide area adjacent to the east face of the bearing plate.	Floorbeam 80, Top Flange, north of Stringer 1 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00288	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U79-U81, Top Face - There are three (3) up to 1'-0" diameter areas of paint failure causing spot corrosion located 10'-0" from U79, at the mid point, and 10'-0" from U81.	West Truss, Top Chord, U79-U81, Top Face - Clean and paint. FY 2023 Inspection: Repair status of 2019-BCZ472001(S17-S19)-00281 changed to CLOSE-CONSULTANT, as this is a duplicate repair ID of 2019-BCZ472001(S17-S19)-00280. West Truss, Top Chord, U79-U81, Top Face - Clean and paint.		3, 3	2019-BCZ472001 (S17-S19)-00280, 2019-BCZ472001 (S17-S19)-00281	CLOSE-CONSULTANT OPEN



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6	6	Superstructure/Truss	East Truss, at L80, Inboard Gusset Plate, bottom edge - There is a 2'-8" long area of up to 3/4" pack rust. FY 2023 Inspection: Repair status changed to CLOSE-CONSULTANT as this is a duplicate repair ID of 2019-BCZ427001(S17-S19).	East Truss, at L80, Inboard Gusset Plate, bottom edge - Clean, paint and add filler as needed. East Truss, at L80, Inboard Gusset Plate, bottom edge - Clean and paint. FY 2023 Inspection: Repair status changed to CLOSE-CONSULTANT as this is a duplicate repair ID of 2019-BCZ427001(S17-S19).		3, 3	2019-BCZ472001 (S17-S19)-00504, 2021-BCZ472001 (S17-S19)-00212	CLOSE-CONSULTANT OPEN
6	6	Superstructure/Truss	East Truss, at L80, Outboard Gusset Plate, bottom edge - There is up to 1/2" pack rust intermittent along the full length.	East Truss, at L80, Outboard Gusset Plate, bottom edge - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00213	OPEN
6	6	Superstructure/Truss	East Truss, at L80, Inboard Gusset Plate, West Face - There is a 4" wide x 4" high area of 1/4" deep painted over section loss in the area between the bottom of the floorbeam connection angles and the floorbeam bottom flange.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L80, Bottom Flange - There are two (2) areas of failing paint with active surface corrosion. (10" x 3/4" and 2" x 3/4"). FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the West Truss, at L80, Bottom Flange - Clean and paint. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	108	3	2019-BCZ472001 (S17-S19)-00286	CLOSE-CONSULTANT
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L80 - There is 1/4" pack rust at the bottom flange connection on the west edge.	Lower Lateral Brace, connection to the West Truss, at L80 - Clean, paint, and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00266	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L80, top and bottom connection plates - The connection plates are pried out of plane resulting in an up to 1/2" wide gap between the deflected flanges and the connection plates. The gap has been filled with caulk, but corrosion is reactivating.					
		59.PP 80- PP 81						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					



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6	5	Superstructure/Joints	PP81 Compression Joint Seal - The northbound joint is open 2" at 48°F and is depressed 1" with debris accumulation. The southbound joint is open 2" at 41°F with minor debris accumulation in the shoulders.					
6	5	Superstructure/Joints	PP81 Joint, Northbound Right Lane - The north end of the joint is 1/4" higher than the south end and has 1/4" deep gouges.					
6	6	Superstructure/Bearings	Floorbeam 81, Stringer 1 Bearing Pad - The pad has walked out 1" to the south with up to 1/2" pack rust.	Floorbeam 81, Stringer 1 Bearing Pad - Clean, paint and reset the bearing pad.		3	2021-BCZ472001 (S17-S19)-00215	OPEN
6	6	Superstructure/Bearings	Floorbeam 81, Stringer 3 Bearing Pad - The pad has walked out from under bearing 1/4" to the south.	Floorbeam 81, Stringer 3 Bearing Pad - Reset the bearing pad.		3	2017-BCZ472001 (S17-S19)-00059	OPEN
6	6	Superstructure/Bearings	Floorbeam 81, Stringer 4 Bearing Pad - The pad has walked out from under bearing 1/2" to the Southwest.	Floorbeam 81, Stringer 4 Bearing Pad - Reset the bearing pad.		3	2015-BCZ472001 (S17-S19)-00077	OPEN
6	6	Superstructure/Bearings	Floorbeam 81, Stringer 9 Bearing Pad - The pad has walked out from under the bearing 1" to the south and is compressed. There is no loss of bearing due to oversized bearing pad.	Floorbeam 81, Stringer 9 Bearing Pad - Reset the bearing pad.		3	2021-BCZ472001 (S17-S19)-00214	OPEN
7	7	Superstructure/Utilities	No defects noted.					



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7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 81, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 81, North Face, Vertical and Longitudinal Stiffeners, Top and Bottom Flanges - There are random up to 1'-0" long x 5" wide areas of moderate corrosion on the vertical and longitudinal stiffeners, and top and bottom flanges throughout.	Floorbeam 81, North Face, Vertical and Longitudinal Stiffeners, Top and Bottom Flanges - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00216	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 81, Vertical Stiffener below Stringer 5, South Side - The stiffener is bent out of plane up to 1" over 10" length at the bottom.					
6	6	Superstructure/Floorbeams	Floorbeam 81, North Face, underside of the Top Flange, east of Stringer 9 - There is a 8" long x 6" wide area of up to 5/16" deep section loss. Section loss was painted over but corrosion is reactivating.	Floorbeam 81, North Face, underside of the Top Flange, east of Stringer 9 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00507	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 81, Under Bay 1, Bottom Flange, Top Face, North Side - There are up to 1'-0" long x 6" wide x 1/8" deep areas of painted over pitting.					
6	6	Superstructure/Floorbeams	Floorbeam 81, East End, Bottom Flange, Bottom Face - There is a 9" long x 9" wide x 3/16" deep area of painted over pitting with reactivating corrosion.	Floorbeam 81, East End, Bottom Flange, Bottom Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00268	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U79-U81, at U81, Interior - There is minor freckled corrosion on all faces for the end 4'-0".	West Truss, Top Chord, U79-U81, at U81, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00388	OPEN
6	6	Superstructure/Truss	East Truss, at L80, Inboard Gusset Plate, West Face - There is a 4" wide x 4" high area of 1/4" deep painted over section loss in the area between the bottom of the floorbeam connection angles and the floorbeam bottom flange.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 80, top connection plate - There are 1" tack welds between fill plate and the connection plate.					



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6	6	Superstructure/Lateral bracing	Top Lateral Brace, U79W-U81E, approximately 20'-0" from U79W, and 15'-0" from U81E, Bottom Flange - The flange is bent upward 3/4" over a 1'-0" length.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L81, top and bottom connection plates - There is up to 1/2" pack rust between the connection plates and the flange. There is up to 1/2" pack rust between the bottom connection plate and the bottom flange of Floorbeam 81.	Lower Lateral Brace, connection to the West Truss, at L81, top and bottom connection plates - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00406	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L81, top and bottom connection plates - There is minor to moderate corrosion at the connection plates and 3/8" pack rust between the bottom connection plate and flange, deforming the edge of the plate.	Lower Lateral Brace, connection to the East Truss, at L81, top and bottom connection plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00505	OPEN
		59.PP 81- PP 82						
7	7	Superstructure/Secondary Members	No defects noted.					
6	6	Superstructure/Paint	See condition notes for individual components.					



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6	6	Superstructure/Bearings	Floorbeam 81, Typical - The baseplates are pried upward 3/8" due to pack rust between the baseplate and the floorbeam.	Floorbeam 81, Typical - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00506	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stairways	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 82, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 82, South Side, top of the Bottom Flange, 10'-0" from L82E - There is a 1'-0" long x 8" wide area of peeling paint and delamination.	Floorbeam 82, top of the Bottom Flange, 10'-0" from L82E - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00218	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 82, West End, Bottom Flange, Top Face - There are up to 1'-6" long x 6" wide x up to 3/16" deep areas of painted over pitting in the end 10'-0".					



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6	6	Superstructure/Truss	West Truss, Top Chord, U81-U83, Top Face - There are three (3) up to 6" diameter areas of paint failure causing spot corrosion: one area each within 10'-0" of U81 and U83, and one area at the mid point.	West Truss, Top Chord, U81-U83, Top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00282	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U81-U83, at U81, Interior - There is minor freckled corrosion on all faces for the end 4'-0".	West Truss, Top Chord, U81-U83, at U81, Interior - Clean and paint.	109	3	2019-BCZ472001 (S17-S19)-00387	OPEN
6	6	Superstructure/Truss	West Truss, U81-U83, Top Chord, East Face, 4'-0" from U81 - There is a 8" high x 2" wide area of paint failure with minor corrosion.	West Truss, U81-U83, Top Chord, East Face, 4'-0" from U81 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00271	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L81-L82, Bottom Face, Field Splice at L81 - The east and west sides of the splice plate are deformed up to 3/8" due to pack rust with freckled rust recurring on the ends of the plate.	West Truss, Bottom Chord, L81-L82, Bottom Face, Field Splice at L81 - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00289	OPEN
6	6	Superstructure/Truss	West Truss, at L82, Inboard Gusset Plate - There is 1/2" pack rust along the bottom edge.	West Truss, at L82, Inboard Gusset Plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00291	OPEN



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6	6	Superstructure/Truss	West Truss, Bottom Chord, L81-L82, at the Field Splice - The top and bottom interior splice plates have failing paint with active surface corrosion throughout. The bottom face around the handhole opening has 1/8" deep pitting, especially at the northern end of the handhole opening.	West Truss, Bottom Chord, L81-L82, at the Field Splice - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00290	OPEN
6	6	Superstructure/Truss	East Truss, U81-U82, Top Chord, Top Face - There is a 10SF area of paint failure with minor surface corrosion.	East Truss, U81-U82, Top Chord, Top Face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00269	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L81-L82, at the Field Splice, Bottom Face - The bottom face around the handhole opening has up to 1'-6" long x 1'-6" wide x up to 3/16" deep pitting at the northern end of the handhole opening.	East Truss, Bottom Chord, L81-L82, Field Splice - Clean and paint.		3	2015-BCZ472001 (S17-S19)-00022	OPEN



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6	6	Superstructure/Truss	East Truss, Bottom Chord, L81-L82, handhole just north of the Field Splice, Interior - The top surface of the bottom plate is heavily corroded around the perimeter of the handhole opening. The lower 6" of the interior surfaces of the side plates also exhibit heavy corrosion with up to 5/16" deep pitting for 1'-6" long.	East Truss, Bottom Chord, L81-L82, handhole just north of the Field Splice, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00508	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L81-L82, handhole just north of the Field Splice, Interior - The bulkhead plate located north of the handhole opening (north side) is heavily corroded on the lower 6" with 5/16" deep section loss. There are two (2) corrosion holes measuring 1 1/4" wide x 1 1/4" high and 1/8" diameter respectively in the bulkhead plate.	East Truss, Bottom Chord, L81-L82, handhole just north of the Field Splice, Interior - Clean and paint. Provide structural repair to the interior bulkhead plate.		3	2021-BCZ472001 (S17-S19)-00339	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L81-L82, handhole just north of the Field Splice - The handhole hatch is disconnected.	East Truss, Bottom Chord, L81-L82, handhole just north of the Field Splice - Reattach the handhole hatch.		3	2021-BCZ472001 (S17-S19)-00340	OPEN



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6	6	Superstructure/Truss	East Truss, Bottom Chord, L81-L82, at the Field Splice, Bottom Face - The bottom splice plate has up to 3/4" pack rust along the east and west edges.	East Truss, Bottom Chord, L81-L82, at the Field Splice, Bottom Face - Clean and paint.	3	2019-BCZ472001 (S17-S19)-00510	OPEN
6	6	Superstructure/Truss	East Truss, at L82, Inboard Gusset Plate, bottom edge - There is a 5'-0" long area of up to 1" pack rust with delamination.	East Truss, at L82, Inboard Gusset Plate, bottom edge - Clean, paint and add filler as needed.	3	2019-BCZ472001 (S17-S19)-00509	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, center connection to Floorbeam 81, bottom connection plate - The connection plate is pried downward 1/2" at the southwest and northwest corners due to pack rust.	Lower Lateral Brace, center connection to Floorbeam 81, bottom connection plate - Clean, paint and add filler as needed.	3	2019-BCZ472001 (S17-S19)-00511	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L82, bottom connection plate - There is a 1'-6" long area of up to 1/2" pack rust.	Lower Lateral Brace, connection to the West Truss, at L82, bottom connection plate - Clean, paint and add filler as needed.	3	2021-BCZ472001 (S17-S19)-00219	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L82, Web, East Face - There is minor corrosion. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the West Truss, at L82, Web, East Face - Clean and paint. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.	3	2021-BCZ472001 (S17-S19)-00221	CLOSE-CONSULTANT



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L82, top and bottom connection plates - There is up to 1/2" pack rust between the connection plates and the flanges.	Lower Lateral Brace, connection to the East Truss, at L82, top and bottom connection plates - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00220	OPEN
		59.PP 82- PP 83						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 82, Stringer 1 - There is up to 1/4" pack rust between the sole plate and the top flange of the floorbeam.	Floorbeam 82, Stringer 1 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00222	OPEN
7	7	Superstructure/Bearings	Floorbeam 83, Stringer 7 - There is up to 1/4" pack rust between the sole plate and the top flange of the floorbeam.	Floorbeam 83, Stringer 7 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00272	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					



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7	7	Superstructure/Floorbeams	Floorbeam 83, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
7	7	Superstructure/Floorbeams	Floorbeam 83, North Face, top of the Bottom Flange, west end - There is a 1'-6" long x 8" wide area of failing paint with active surface corrosion.	Floorbeam 83, North Face, top of the Bottom Flange, west end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00513	OPEN
7	7	Superstructure/Floorbeams	Floorbeam 83, South Face, top of the Bottom Flange, east end - There are three (3) areas of moderate corrosion with delamination measuring up to 4'-0" long x up to full width, located from Stringer 7 to the east end of the floorbeam. Two (2) areas are on the top face of longitudinal stiffeners, and one (1) is on the top face of the bottom flange.	Floorbeam 83, South Face, top of the Bottom Flange, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00516	OPEN
6	6	Superstructure/Truss	West Truss, Top Chord, U81-U83, Top Face - There are 6" diameter areas of paint failure causing spot corrosion.	West Truss, Top Chord, U81-U83, Top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00283	OPEN
6	6	Superstructure/Truss	East Truss, Top Chord, U81-U83, near U83 - There is paint peeling and surface corrosion.	East Truss, Top Chord, U81-U83, near U83 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00458	OPEN



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6	6	Superstructure/Truss	East Truss, at L83, Inboard Gusset Plate, bottom edge - There is up to 1/4" intermittent pack rust along the full length of the bottom edge.	East Truss, at L83, Inboard Gusset Plate, bottom edge - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00515	OPEN
7	7	Superstructure/Sway Bracing	PP83, First Sway Brace from the roadway, over the Northbound Left Lane - There is a field splice with no defects noted.					
7	7	Superstructure/Sway Bracing	PP83, First Sway Brace from roadway, 4'-8" from the West Truss - The north flange of the horizontal strut is bent vertically out of plane in relation to the south flange by up to 2" over a 4'-6" length, beginning 4'-8" from the West Truss connection. There is a 1/2" high x 1/2" wide x 1/4" deep gouge along the bottom edge of the north flange at this location. There is minor flaking paint in the vicinity of the gouge.		110			
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 82, top connection plate, west edge - There is up to 1/2" pack rust.	Lower Lateral Brace, center connection at Floorbeam 82, top connection plate - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00250	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Bracing, connection to the West Truss, at L83, Web, East Face - There is minor corrosion. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Bracing, connection to the West Truss, at L83, Web, East Face - Clean and paint. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00293	CLOSE-CONSULTANT
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to West Truss, at L83, top and bottom connection plates - There is 1/4" pack rust between the top and bottom connection plates and flanges.	Lower Lateral Brace, connection to West Truss, at L83, top and bottom connection plates - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00273	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L83, top connection plate - There is one (1) unseated nut and one missing nut in the connection to the floorbeam longitudinal stiffener.	Lower Lateral Brace, connection to the East Truss, at L83, top connection plate - Replace missing nut.	111	3	2023-BCZ472001 (S17-S19)-00407	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L83, top and bottom connection plates - The plates are pried outward 3/8" due to pack rust.	Lower Lateral Brace, connection to the East Truss, at L83, top connection plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00517	OPEN



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		59.PP 83- PP 84						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	6	Superstructure/Bearings	Floorbeam 84, Stringers 2-5 and 6-8, Baseplate - The baseplates are pried upwards 1/4" due to pack rust between the baseplate and the floorbeam.	Floorbeam 84, Stringers 2-5 and 6-8, Baseplate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00512	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 84, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 84, South face, top of the Bottom Flange, west end - There is moderate corrosion and delamination 2'-0" long x 8" wide with 3/16" deep section loss.	Floorbeam 84, South face, top of the Bottom Flange, west end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00514	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 84, South Face, Under Stringer 6 - The vertical stiffener weld to the web is undercut by a 1/16" deep crease on the west and east sides on the toe for its entire length.					
6	6	Superstructure/Floorbeams	Floorbeam 84, South Face, Web, at the East Truss - There is a 6" diameter x 3/16" deep area of painted over pitting adjacent to the top of the south floorbeam connection angle.					
6	6	Superstructure/Truss	East Truss, at L84, Inboard Gusset Plate, bottom edge - There is up to 1/2" intermittent pack rust along the full length of the bottom edge.	East Truss, at L84, Inboard Gusset Plate, bottom edge - Clean, paint, and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00274	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L83-L84 - There are two (2) 2'-0" long x 1'-0" wide areas of up to 1/8" deep painted over pitting on the bottom of the bottom plate. There are two (2) 1'-0" diameter areas of up to 1/8" deep painted over pitting at the mid point. There are two (2) 1'-0" diameter areas of up to 1/8" deep painted over pitting between the mid point and the handhole north of L83.					



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 83, top connection plate - There are a few 1" long longitudinal tack welds between the connection plate and the floorbeam longitudinal stiffener. Tack welds at this location are typical.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L84, Web, East Face - There is minor corrosion reactivating that had previously been painted over.	Lower Lateral Brace, connection to the West Truss, at L84, Web, East Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00292	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L84, bottom connection plate and top and bottom flanges, south and east edges - There is up to 5" wide x 1/4" delaminating steel.	Lower Lateral Brace, connection to the West Truss, at L84, bottom connection plate, south and east edges - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00223	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L84, top and bottom connection plates - There are isolated areas of moderate corrosion with up to 1/4" pack rust. Additionally there is a 1'-0" long x full width area of moderate corrosion on the top face of the top flange at the connection.	Lower Lateral Brace, connection to the East Truss, at L84, top and bottom connection plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00349	OPEN
6	6	Superstructure/Lateral bracing	Floorbeam 84, connection to the East Truss, top of the bottom connection plate - There are six (6) bolt heads with failing paint and active surface corrosion.	Floorbeam 84, connection to the East Truss, top of the bottom connection plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00537	OPEN
		59.PP 84- PP 85						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	5	Superstructure/Joints	PP85 Compression Joint Seal - The northbound joint is open 2 1/4" at 48°F. The southbound joint is open 2 1/2" at 41°F with minor debris accumulation in the shoulders.					



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7	7	Superstructure/Bearings	Floorbeam 85, Stringers 1 and 7 - There is up to 1/2" pack rust between the sole plates and the floorbeam top flange.	Floorbeam 75, Stringers 1 and 7 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00224	OPEN
7	7	Superstructure/Bearings	Floorbeam 85, Stringer 9 - The bearing pad at Stringer 9 is compressed. There is adjacent moderate corrosion, delamination and up to 1/2" pack rust on the north and south side of Floorbeam 85 that is deforming the edges of the pad.	Floorbeam 85, Stringer 9 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00275	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stringers	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 85, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					



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6	6	Superstructure/Floorbeams	Floorbeam 85, connection to the West Truss, Bottom Flange connection plate - There is a 1'-3" long area of 1/4" delamination between the bottom connection plate and Floorbeam 85.	Floorbeam 85, connection to the West Truss, Bottom Flange connection plate - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00520	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 85, bottom of the Bottom Flange, west end - There are three (3) up to 1'-6" long x 1'-0" wide areas of 3/16" deep pitting, one of which is on the West Truss connection plate.	Floorbeam 85, bottom of the Bottom Flange, west end - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00225	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 85, North Face, Top Face of the Bottom Flange, web, and longitudinal stiffener, east end - There are scattered areas of painted over pitting up to 6" diameter x 1/8" deep within 8'-0" of the East Truss.					
6	6	Superstructure/Floorbeams	Floorbeam 85, North Face, Top Flange at Stringer 7 - The flange is deflected downward 1/8" in a "S-curved" fashion on the east side of the stiffener and deflected upwards 1/8" on the west side of the stiffener.					



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6	6	Superstructure/Floorbeams	Floorbeam 85, connection to the East Truss, Bottom Flange Tee connection plate - There is moderate corrosion and delamination and 1/4" pack rust on the south side.	Floorbeam 85, connection to the East Truss, Bottom Flange connection Tee plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00524	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L84-L85, at the Field Splice, Interior - There is failing paint with active corrosion on the edges of the top and bottom interior splice plates. No section loss noted. FY 2023 Inspection: There is no field splice between L84 and L85, therefore, the defect was not observed. Repair status changed to CLOSE-CONSULTANT.	West Truss, Bottom Chord, L84-L85, at the Field Splice, Interior - Clean and paint. FY 2023 Inspection: There is no field splice between L84 and L85, therefore, the defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00522	CLOSE-CONSULTANT
6	6	Superstructure/Truss	West Truss, at L85, Inboard Gusset Plate, West Face - There is paint failure for approximately 90% of the area. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.	West Truss, at L85, Inboard Gusset Plate, West Face - Clean and paint. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.	112	3	2019-BCZ472001 (S17-S19)-00296	CLOSE-CONSULTANT
6	6	Superstructure/Truss	East Truss, Bottom Chord, L84-L85, handhole north of L84 - There is 5" long x 7" wide paint failure with moderate corrosion surrounding the handhole.	East Truss, Bottom Chord, L84-L85, handhole north of L84 - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00519	OPEN



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6	6	Superstructure/Truss	East Truss, at L84, Inboard Gusset Plate, bottom edge - The plate is pried outward 1/4" on the north half of the interface due to pack rust below the floorbeam.	East Truss, at L84, Inboard Gusset Plate, bottom edge - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00523	OPEN
6	6	Superstructure/Truss	East Truss, L84-U84 at L84, West Face - There is a 4" diameter area of moderate corrosion at the top of the south floorbeam connection angle with minor prying due to 1/2" pack rust.	East Truss, L84-U84 at L84, West Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00521	OPEN
6	6	Superstructure/Truss	East Truss, at U85, Top Gusset Plate - There is minor distortion due to pack rust.	East Truss, at U85, Top Gusset Plate - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00408	OPEN
7	7	Superstructure/Sway Bracing	No defects noted.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 84 - There are 1 1/2" long tack welds between the fill plates and the connection plates. Tack welds are typical in this location.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L85, top connection plate - There is a 1'-0" long area of 1/2" pack rust.	Lower Lateral Brace, connection to the West Truss, at L85, top connection plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00226	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L85, bottom connection plate, top Face - There is a bolt head with flaking paint and active surface corrosion.	Lower Lateral Brace, connection to the East Truss, at L85, bottom connection plate, top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00538	OPEN
		59.PP 85- PP 86						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
7	7	Superstructure/Bearings	Floorbeam 85, Typical - There is up to 1/4" pack rust between the baseplates and the top flange of the floorbeam	Floorbeam 85, Typical - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00228	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7	7	Superstructure/Stirrings	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 86, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible. The area around holes exhibits failing paint with active corrosion.	Floorbeam 86, east and west ends, at the longitudinal stiffener plates - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00477	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 86, South Face, Web, west end - There are intermittent areas of failing paint with active surface corrosion. Total area is 4'-0" long x up to 4" high. No section loss noted.	Floorbeam 86, South Face, Web, west end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00295	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 86, South Face, Top and Bottom Flanges, west end - There is a 1'-11" long x 8" wide area of failed paint with moderate surface corrosion with up to 1/4" section loss and 1/2" delaminated steel.	Floorbeam 86, South Face, Top and Bottom Flanges, west end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00294	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 86, top of the Bottom Flange and top of the longitudinal stiffener - There are scattered areas of up to 4" diameter painted over 1/16" deep pitting over the full-length.					
6	6	Superstructure/Floorbeams	Floorbeam 86, Bottom Flange, east end - There is an area 1'-6" long x up to full width of the south side of moderate delamination at the first vertical stiffener from the east end.	Floorbeam 86, Bottom Flange, east end - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00230	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 86, 8'-0" from the East Truss, Top Face of Bottom Flange, and Longitudinal Stiffener - There are random areas up to 8" diameter of 1/8" deep painted over pitting on the south side.					
6	6	Superstructure/Floorbeams	Floorbeam 86, connection to the West Truss, top of the north connection angle - There is a 6" long 8" high area of moderate corrosion. FY 2023 Inspection: This defect has been repaired by spot painting. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 86, connection to the West Truss, top of the north connection angle - FY 2023 Inspection: This defect has been repaired by spot painting. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00236	CLOSE-CONSULTANT
6	6	Superstructure/Truss	West Truss, Top Chord, U85-U87, at U85, Interior - There is minor freckled corrosion on all faces for the end 4'-0".	West Truss, Top Chord, U85-U87, at U85, Interior - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00386	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L85-L86, Field Splice, Top Splice Plate, Interior - There is moderate rust scale and the east and west edges are pried upward 3/8".	West Truss, Bottom Chord, L85-L86, Field Splice, Top Splice Plate, Interior - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00298	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L85-L86, Bottom Face, near L85 - The handhole cover is stuck in the open position.	West Truss, Bottom Chord, L85-L86, Bottom Face, near L85 - Free and lubricate the handhole cover hinge.		3	2021-BCZ472001 (S17-S19)-00227	OPEN



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6	6	Superstructure/Truss	West Truss, at L86, Inboard and Outboard Gusset Plates - There is a 2'-6" long area of up to 1/2" pack rust with associated minor corrosion.	West Truss, at L86, Inboard and Outboard Gusset Plates - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00297	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L85-L86, Field Splice, Bottom Plate - The east and west edges of the splice plate are deformed up to 1 1/2" due to pack rust, minor surface corrosion is reactivating on the ends of plate along all four sides. There is also a 2" wide band of up to 3/16" painted over section loss adjacent to the splice on the east and west sides.	West Truss, Bottom Chord, L85-L86, Field Splice, Bottom Plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00299	OPEN
6	6	Superstructure/Truss	East Truss, Bottom Chord, L85-L86, Field Splice, Bottom Plate - The east and west edges of the splice plate are pried down up to 2" due to pack rust, minor surface corrosion is reactivating on the ends of plate along all four sides. There is also a 2" wide band of up to 3/16" painted over section loss adjacent to the splice on the east and west sides.	East Truss, Bottom Chord, L85-L86, Field Splice, Bottom Plate - Clean, paint and add filler as needed.	113	3	2021-BCZ472001 (S17-S19)-00229	OPEN



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6	6	Superstructure/Truss	East Truss, at L86, Inboard Gusset Plate, bottom edge - There is up to 1/2" pack rust along the entire length.	East Truss, at L86, Inboard Gusset Plate, bottom edge - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00235	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, at L86, West Truss, Bottom Connection Plate - There are twenty (20) bolt heads on the bottom connection plate with flaking paint and active surface corrosion.	Lower Lateral Brace, at L86, West Truss, Bottom Connection Plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00337	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L86, Top and Bottom Connection Plates - There is 1/2" pack rust between the connection plates and the flanges.	Lower Lateral Brace, connection to the East Truss, at L86, Top and Bottom Connection Plates - Clean, paint and add filler as needed.		3	2015-BCZ472001 (S17-S19)-00023	OPEN
		59.PP 86- PP 87						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					
6	6	Superstructure/Bearings	Floorbeam 88, Stringers 6-9 - There is up to 1/4" pack rust between the sole plate and the floorbeam top flange on the south side.	Floorbeam 88, Stringers 6-9 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00338	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					



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7	7	Superstructure/St ringers	No defects noted.					
6	6	Superstructure/FI oorbeams	Floorbeam 87, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/FI oorbeams	Floorbeam 87, connection to the West Truss, Bottom Flange connection plate - There is a 2'-0" long area of up to 3/8" pack rust. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 87, connection to the West Truss, Bottom Flange connection plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00300	CLOSE-CONSULTANT
6	6	Superstructure/FI oorbeams	Floorbeam 87, South Side, under Stringer 1, top and bottom faces of the Bottom Flange and longitudinal stiffener - There is a 2'-0" long x up to 4" wide area of failing paint with active moderate corrosion with delamination on the flange and a 2'-0" long area on the stiffener.	Floorbeam 87, South Face, under Stringer 1, top of the Bottom Flange and longitudinal stiffener - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00301	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 87, South Face, Bottom Flange, top and bottom faces, at the vertical stiffener - There is a 2'-6" long x up to 8" wide area of moderate delamination that extends up to 4" high on the first stiffener from the east end.	Floorbeam 87, South Face, Bottom Flange, top and bottom faces, at the vertical stiffener - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00231	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 87, North Face, Top Flange, under Stringer 1 - There is a 1'-5" long area of failing paint with active surface corrosion extending west. FY 2023 Inspection: This defect has been repaired by spot painting. Repair status changed to CLOSE-CONSULTANT.	Floorbeam 87, North Face, Top Flange, under Stringer 1 - Clean and paint. FY 2023 Inspection: This defect has been repaired by spot painting. Repair status changed to CLOSE-CONSULTANT.	114	3	2019-BCZ472001 (S17-S19)-00525	CLOSE-CONSULTANT
6	6	Superstructure/Floorbeams	Floorbeam 87, connection to the West Truss, top connection plate, bottom face - There are two (2) areas of 1/8" deep painted over pitting that measure 1'-0" long x 3" wide and 3" long x 6" wide respectively.					
6	6	Superstructure/Floorbeams	Floorbeam 87, under Stringer 1, bottom flange, bottom face - There is a 2'-0" long x 4" wide area of failing paint and moderate corrosion with delamination.	Floorbeam 87, under Stringer 1, bottom flange, bottom face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00276	OPEN



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6	6	Superstructure/Truss	West Truss, Top Chord, U85-U87, Field Splice at U87, Bottom Splice Plate, south edge - There is failing paint with minor surface corrosion.	West Truss, Top Chord, U85-U87, Field Splice at U87, Bottom Splice Plate, south edge - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00229	OPEN
6	6	Superstructure/Truss	West Truss, U85-U87, top chord, top face, at U87 - There is an 8" diameter area of paint failure with minor corrosion.	West Truss, U85-U87, top chord, top face, at U87 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00277	OPEN
6	6	Superstructure/Truss	East Truss, at L86, Inboard Gusset Plate, West Face - There is 1'-6" long x 6" high area of 3/16" deep painted over section loss along the bottom edge below the floorbeam bottom flange. There is a 4" wide x 1" high band of 1/4" deep painted over section loss along the bottom edge of the north floorbeam connection angle. There is a 6" diameter area of 1/4" deep painted over section loss located 3" below the bottom of the floorbeam connection angle. There are two (2) areas of painted over 1/4" deep section loss on the west face of the inboard gusset plate measuring 4" wide x 1" high and 6" diameter respectively.					



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7	7	Superstructure/Sway Bracing	PP87, North Flange above Southbound Lanes - There is minor deformation due to impact damage. The bottom edge of the flange is deformed 1/4" out of plane over a 6" length.					
7	7	Superstructure/Sway Bracing	PP87, diagonal strut at U87W, south face - There are random areas of failing paint and minor corrosion up to 2'-0" long x 4" high.	PP87, diagonal strut at U87W, south face - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00278	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L87, bottom face of the Top West and East Flanges - There is a 2'-0" long x 4" wide area of moderate corrosion.	Lower Lateral Brace, connection to the West Truss, at L87, bottom face of the Top West and East Flanges - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00232	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L87, bottom connection plate, west end - There is a 1'-6" long area of up to 1/4" pack rust between the connection plate and the flange.	Lower Lateral Brace, connection to the West Truss, at L87, bottom connection plate, west end - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00233	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, top and bottom connection plates - There is up to 1/2" pack rust between the connection plates and the flanges. FY 2023 Inspection: This is a duplicate defect. Duplicate repair ID 00234 has been closed.					
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L87, top and bottom connection plates - There is 1/2" pack rust between the connection plates and the flanges causing the connection plates to pry outward. The connection plates also exhibit areas of paint breakdown and moderate corrosion.	Lower Lateral Brace, connection to the East Truss, top and bottom connection plates - Clean and paint. FY 2023 Inspection: Repair status of 2021-BCZ472001(S17-S19)-00234 changed to CLOSE-CONSULTANT, as this is a duplicate repair ID of 2019-BCZ472001(S17-S19)-00527. Lower Lateral Brace, connection to the East Truss, at L87, top and bottom connection plates - Clean, paint and add filler as needed.		3, 3	2019-BCZ472001 (S17-S19)-00527, 2021-BCZ472001 (S17-S19)-00234	CLOSE-CONSULTANT OPEN
		59.PP 87- PP 88						
7	7	Superstructure/Secondary Members	No defects noted.					
6	7	Superstructure/Paint	See condition notes for individual components.					



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7	7	Superstructure/Bearings	Floorbeam 88, Typical - There is minor pack rust between the sole plates and the floorbeam top flange.					
7	7	Superstructure/Utilities	Floorbeam 87, west end - There are wires that dangle approximately 8'-0" below the floorbeam.	Floorbeam 87, west end - Remove the wires if unused or prevent them from dangling.		3	2019-BCZ472001 (S17-S19)-00304	OPEN
7	7	Superstructure/Catwalks/Ladders/Safety Railings	No defects noted.					
7		Superstructure/Stirrings	No defects noted.					
6	6	Superstructure/Floorbeams	Floorbeam 88, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 88, South Face, top of the Bottom Flange, at the lower lateral brace connection, east end - There are two (2) areas of paint failure with active surface corrosion, one at the east end and one at the first vertical stiffener from the east end, that measure 1'-0" long x up to 8" wide. No section loss noted.	Floorbeam 88, South Face, top of the Bottom Flange, at the lower lateral brace connection, east end - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00311	OPEN



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6	6	Superstructure/Floorbeams	Floorbeam 88, connection to the West Truss, Bottom Flange, Top and Bottom Face, South Side - There is a 2'-4" long x full width of flange area of moderate corrosion with delamination. There is also a 3'-8" long x 4" high area of moderate corrosion with delamination on the south face of the web at the interface with the bottom flange.	Floorbeam 88, connection to the West Truss, Bottom Flange, Top and Bottom Face, South Side - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00279	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 88, Bottom Flange Top Face, and Vertical Stiffeners at Interface with Bottom Flange - There are typical 6" diameter areas of moderate corrosion.	Floorbeam 88, Bottom Flange Top Face, and Vertical Stiffeners at Interface with Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00280	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 88, bottom flange connection to the West Truss, at L88, bottom connection plate - There are sixteen (16) bolts that exhibit peeling paint and moderate corrosion.	Floorbeam 88, bottom flange connection to the West Truss, at L88, bottom connection plate - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00238	OPEN
6	6	Superstructure/Truss	West Truss, at L87, Outboard Gusset Plate, bottom edge - There is 1/16" pack rust causing the gusset plate to pry outwards. There is paint failure for approximately 60% of the East Face.	West Truss, at L87, Outboard Gusset Plate, bottom edge - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00305	OPEN



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6	6	Superstructure/Truss	West Truss, at L87 - There is debris accumulation between the gusset plates on the top face of the bottom chord. FY 2023 Inspection: This defect was not observed.					
6	6	Superstructure/Truss	West Truss, U87-L89, at U87, Interior Upper and Lower Chambers - There is minor freckled corrosion on all faces for the end 4'-0".	West Truss, U87-L89, at U87, Interior Upper and Lower Chambers - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00385	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, West Face, Just North of L87 - There is a full height x 3" wide area of minor corrosion.	West Truss, Bottom Chord, West Face, Just North of L87 - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00281	OPEN
6	6	Superstructure/Truss	West Truss, at L88, Inboard and Outboard Gusset Plates - There is 1/4" pack rust along the bottom edges of both plates.	West Truss, at L88, Inboard and Outboard Gusset Plates - Clean, paint and add filler as needed..		3	2023-BCZ472001 (S17-S19)-00283	OPEN
6	6	Superstructure/Truss	West Truss, U87-M88, Center Hand Hole, and Hand Hole at M88 - There is minor debris accumulation and minor corrosion on the interior between the bottom edge of the hand hole and the diaphragm.	West Truss, U87-M88, Center Hand Hole, and Hand Hole at M88 - Remove debris, clean, and paint.		3	2023-BCZ472001 (S17-S19)-00284	OPEN



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6	6	Superstructure/Truss	East Truss, at L87, Inboard and Outboard Gusset Plates, bottom edge - There is 3/8" pack rust causing the gusset plate to pry outwards slightly.	East Truss, at L87, Inboard and Outboard Gusset Plates, bottom edge - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00526	OPEN
6	6	Superstructure/Truss	East Truss, at L88, Inboard and Outboard Gusset Plates - There is up to 1/2" pack rust along the full length of the bottom edges.	East Truss, at L88, Inboard and Outboard Gusset Plates - Clean, paint and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00282	OPEN
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 87, bottom connection plate - There is 1/2" pack rust between the connection plate and the flange. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, center connection at Floorbeam 87, bottom connection plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2015-BCZ472001 (S17-S19)-00024	CLOSE-CONSULTANT
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, center connection at Floorbeam 88, connection plate - There is up to 3/4" pack rust causing the connection plate to pry downward on the west side.	Lower Lateral Brace, center connection at Floorbeam 88, connection plate - Clean, paint and add filler as needed.		3	2019-BCZ472001 (S17-S19)-00313	OPEN



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6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L88, Web, South Face - There is a 4" high area of moderate corrosion. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the West Truss, at L88, Web, South Face - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00239	CLOSE-CONSULTANT
6	6	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L88, bottom connection plate, south edge - There is a 1'-6" long x 3" wide area of minor to moderate corrosion and delaminated steel	Lower Lateral Brace, connection to the West Truss, at L88, bottom connection plate, south edge - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00237	OPEN
		59.PP 88- PP 89						
6	6	Superstructure/Secondary Members	Pier 19, Shear Lock Assembly, West and East Guide Blocks - The shear tongue at the top of the Shear Lock Assembly is in overall good condition although the shim packs for the guide blocks are heavily corroded.	Pier 19, Shear Lock Assembly, West and East Guide Blocks - Clean and paint		3	2019-BCZ472001 (S17-S19)-00307	OPEN



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6	6	Superstructure/Secondary Members	PP 89, Strut located at the level of the Shear Tongue Assembly (at the top of the Shear Lock Assembly), Bottom Flange, and Web - There is paint failure and moderate surface corrosion at scattered areas along the entire length. The Top Flange also exhibits areas of paint failure with moderate surface corrosion up to full width of flanges. There is also paint failure in the bottom 4" of the web within the middle third.	PP 89, Strut located at the level of the Shear Tongue Assembly (at the top of the Shear Lock Assembly), Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00308	OPEN
6	7	Superstructure/Paint	See condition notes for individual components.					
6	6	Superstructure/Joints	PP89 Joint, Drainage Trough - There is moderate dirt and debris accumulation.					
6	6	Superstructure/Joints	PP89 Joint, Finger Dam, support steel - The trough side of the support steel exhibits moderate to heavy corrosion, especially at the east end.	PP89 Joint, Finger Dam, support steel - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00528	OPEN
6	6	Superstructure/Joints	PP89 Joint - The joint seal at the back (north) edge of the finger joint is split and worn.	PP89 Joint - Replace joint seal.		3	2023-BCZ472001 (S17-S19)-00409	OPEN
6	6	Superstructure/Joints	PP89 Joint, Drainage Trough, east end - There is a 1" tear.					



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6	6	Superstructure/Joints	PP89 Joint Seal - The northbound joint is open 10" at 48 degrees Fahrenheit. The southbound joint is open 11 3/4" at 41 degrees Fahrenheit at the west parapet.					
6	6	Superstructure/Bearings	Pier 19, West Truss Bearing - There is minor surface corrosion between the rocker and masonry plate. Bearing movement is not restricted. There is minor debris buildup between the rocker and masonry plate. The bearing is contracted 3 degrees at 46 degrees F.	Pier 19, West Truss Bearing - Remove debris. Clean and paint.		3	2019-BCZ472001 (S17-S19)-00309	OPEN
6	6	Superstructure/Bearings	Pier 19, East Truss Bearing - There is minor surface corrosion and debris buildup between the rocker and masonry plate. Bearing movement is not restricted. The bearing is contracted 1 degree at 55 degrees F.	Pier 19, East Truss Bearing - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00240	OPEN
7	7	Superstructure/Utilities	No defects noted.					
7	7	Superstructure/Catwalks/Ladders/Safety Railings	Floorbeam 89, Catwalk Channel Members, Bottom Flange - There is light surface corrosion.	Floorbeam 89, Catwalk Channel Members, Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00310	OPEN



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7	7	Superstructure/Stringers	Stringer 1, 10'-0" from Floorbeam 89, Top Face of Bottom Flange - There are random areas of minor to moderate corrosion.	Stringer 1, 10'-0" from Floorbeam 89, Top Face of Bottom Flange - Clean and paint.		3	2023-BCZ472001 (S17-S19)-00285	OPEN
6	6	Superstructure/Floorbeams	Floorbeam 89, east and west ends, at the longitudinal stiffener plates - There are two (2) 1/4" diameter crack arresting holes drilled. No cracks were visible.					
6	6	Superstructure/Floorbeams	Floorbeam 89, South Face, West end, bottom of first vertical stiffener - The stiffener is bent up to 1 1/2" over a 9" length.					
6	6	Superstructure/Floorbeams	Floorbeam 89, bottom and top face of the Bottom Flange - There are isolated areas of paint failure with minor corrosion.	Floorbeam 89, top and bottom face of the Bottom Flange - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00529	OPEN
6	6	Superstructure/Truss	West Truss, U87-L89, at L89, Top Face - There is an area of failing paint with active surface corrosion extending 2'-0" above the gusset plate.	West Truss, U87-L89, at L89, Top Face - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00230	OPEN
6	6	Superstructure/Truss	West Truss, U87-L89, East Face, between the deck and L89 - There are 6" diameter areas of paint failure with active surface corrosion with up to 3/16" deep pitting.	West Truss, U87-L89, East Face, between the deck and L89 - Clean and paint.		3	2019-BCZ472001 (S17-S19)-00156	OPEN



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6	6	Superstructure/Truss	West Truss, at L89, Inboard Gusset Plate, bottom edge - There is a 6'-0" long area of 1/4" pack rust.	West Truss, at L89, Inboard Gusset Plate, bottom edge - Clean, paint and add filler as needed.		3	2021-BCZ472001 (S17-S19)-00243	OPEN
6	6	Superstructure/Truss	West Truss, Bottom Chord, L88-L89 - There are random areas of up to 6" diameter 1/16" deep painted over section loss throughout 10% of the surface area concentrated on the east face.					
6	6	Superstructure/Truss	East Truss, U87-L89, West Face, between L89 and 15'-0" above L89 - There are numerous scattered areas of up to 6" diameter x 1/8" deep painted over pitting with active corrosion.	East Truss, U87-L89, West Face, between L89 and 15'-0" above L89 - Clean and paint.		3	2021-BCZ472001 (S17-S19)-00242	OPEN
6	6	Superstructure/Truss	East Truss, at L89, Inboard and Outboard Gusset Plates - There is up to 5/8" pack rust along the full length of the bottom edge of both plates.	East Truss, at L89, Inboard and Outboard Gusset Plates - Clean, paint, and add filler as needed.		3	2023-BCZ472001 (S17-S19)-00287	OPEN



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7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the West Truss, at L88, bottom connection plate - There is paint failure with active surface corrosion on all bolt heads. No section loss noted. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the West Truss, at L88, bottom connection plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2019-BCZ472001 (S17-S19)-00306	CLOSE-CONSULTANT
7	7	Superstructure/Lateral bracing	Lower Lateral Brace, connection to the East Truss, at L88, bottom connection plate - There is paint failure with active surface corrosion on all bolt heads. No section loss noted. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.	Lower Lateral Brace, connection to the East Truss, at L88, bottom connection plate - Clean and paint. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.		3	2021-BCZ472001 (S17-S19)-00241	CLOSE-CONSULTANT
7	7	Superstructure/Lateral bracing	No defects noted.					
		60.01 - Pedestals						
7	7	Substructure	Typical - Both pedestals at Pier 19 have corrosion staining throughout with deteriorated epoxy coating.					



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		60.03 - Capbeam/Top of Pier						
6	6	Substructure	Pier 19, Typical - There are random hairline to 1/16" wide cracks on all faces, some cracks have minor efflorescence and corrosion staining. The South Face of the cap has cracks that appear to emanate from the shear lock.					
6	6	Substructure	Pier 19, South Face - Multiple concrete repair patches with hairline map cracking, some with minor efflorescence, up to 4'-0" wide x full-height.					
6	6	Substructure	Pier 19, South Face, 1'-0" below the West Truss Bearing - There is a 1'-5" wide x 1'-2" high area of delamination near the southeast corner.	South Face, 1'-0" below the West Truss Bearing - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00314	OPEN
6	6	Substructure	Pier 19, South Face, starting 2'-0" below the West Truss Bearing and extending to the bottom of the cap - There is a 1'-9" wide x 10'-0" high area of delamination.	South Face, starting 2'-0" below the West Truss Bearing and extending to the bottom of the cap - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00315	OPEN



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6	6	Substructure	Pier 19, Southwest bottom corner - Above the column, there is a 2'-0" high x up to 2'-0" wide area of delamination with moderate efflorescence with hairline cracking throughout.	Pier 19, Southwest bottom corner - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00062	OPEN
6	6	Substructure	Pier 19, South Face of Span 20 Bearing Support, between Bearings 2 and 3 - There are two up to 4'-0" long vertical cracks (one hairline, one 1/8" wide) with moderate corrosion staining.			3	2023-BCZ472001 (S17-S19)-00073	OPEN
6	6	Substructure	Pier 19, Top Face, Southwest corner of East Truss Bearing - There is a 2'-0" long x 1'-6" wide area of delamination that extends up to 2'-0" high down the south face.	Pier 19, Top Face, Southwest corner of East Truss Bearing - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00063	OPEN
6	6	Substructure	Pier 19, Top Face, Southeast corner of Cap near East Truss Bearing - There is a 3'-0" long x 1'-0" wide x 1'-0" high corner spall with exposed corroded reinforcement. FY 2023 Inspection: The repair status was CLOSE-MDTA; however, at the time of inspection, the defect still exists. Repair status changed OPEN.	Top face, Southeast corner of Cap near East Truss Bearing - Remove unsound concrete and patch. FY 2023 Inspection: The repair status was CLOSE-MDTA; however, at the time of inspection, the defect still exists. Repair status changed OPEN.	115	3	2015-BCZ472001 (S17-S19)-00025	OPEN



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6	6	Substructure	Pier 19, North Face - Multiple concrete repair patches with hairline to 1/16" wide cracking, some with minor efflorescence and corrosion staining, across the full-width x up to 8'-0" high.					
6	6	Substructure	Pier 19, North Face, Above Northeast Corner of West Column, 7'-0" from top of cap - There is a 4'-8" high x 1'-0" wide area of delamination.	Pier 19, North Face, Above Northeast Corner of West Column, 7'-0" from top of cap - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00068	OPEN
6	6	Substructure	Pier 19, North Face, 1'-0" below Bearing 2 Pedestal - There is a 9" wide x 10" high x 1/2" deep spall with exposed corroded reinforcement with an associated 1'-0" high x 1'-4" wide area of delamination.	Pier 19, North Face, 1'-0" below Bearing 2 Pedestal - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00061	OPEN
6	6	Substructure	Pier 19, North Face, at bottom edge 15'-0" from the East Column - There is a 4'-0" long x 1/16" wide horizontal crack with associated 1'-0" long x 6" high delamination.	Pier 19, North Face, at bottom edge 15'-0" from the East Column - Remove unsound concrete and patch. Seal crack.		3	2023-BCZ472001 (S17-S19)-00064	OPEN



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		60.04 - Columns						
6	6	Substructure	Typical - There are cracking concrete patches along column faces and hairline to 1/8" cracks at column interfaces with the struts.	Seal the 1/16" to 1/8" wide cracks in all columns.		3	2019-BCZ472001 (S17-S19)-00231	OPEN
6	6	Substructure	Pier 19, West Column, Northeast Corner, below the upper strut - There is a 3'-0" high area of delamination across the full-width of the chamfer and 6" wide on the north face and 6" wide on the east face with 1/16" wide vertical cracks along the edges.	Pier 19, West Column, Northeast Corner, below the upper strut - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00010	OPEN
6	6	Substructure	Pier 19, West Column, North Face, at the base - There is a 3'-6" high x full-width area of delamination.	Pier 19, West Column, North Face, at the base - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00086	OPEN
6	6	Substructure	Pier 19, West Column, East Face, 10'-0" above Lower Strut - There is an 8'-0" high x 3'-0" wide area of delamination with 1/16" wide cracking along the edges with an associated 1'-0" wide x 1" deep spall with exposed corroded reinforcement.	Pier 19, West Column, East Face, 10'-0" above Lower Strut - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00104	OPEN



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6	6	Substructure	Pier 19, West Column, North Face, at the base at west chamfer - There is a 9'-2" high x up to 2'-6" wide area of delamination with 1/16" wide intermittent vertical cracking with heavy efflorescence.	Pier 19, West Column, North Face, at the base at west chamfer - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00072	OPEN
6	6	Substructure	Pier 19, West Column, North Face, 15'-0" above the bottom chamfer, near the east edge - There is a 2'-0" high x 3'-0" wide hollow area. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	Pier 19, West Column, North Face, 15' above the bottom chamfer near the east edge - Remove unsound concrete and patch. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	116	3	2019-BCZ472001 (S17-S19)-00087	CLOSE-CONSULTANT
6	6	Substructure	Pier 19, West Column, Northwest Corner, 1'-6" below the upper strut - There is a 2'-0" high x 1'-0" wide area of delamination with an associated 1'-8" long hairline vertical crack with minor efflorescence.	Pier 19, West Column, Northwest Corner, 1'-6" below the upper strut - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00069	OPEN
6	6	Substructure	Pier 19, West Column, South Face, just above the upper strut - There is a 3'-0" wide x 4'-0" high area of delamination. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	Pier 19, West Column, South Face, just above the upper strut - Remove unsound concrete and patch. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.	117	3	2019-BCZ472001 (S17-S19)-00077	CLOSE-CONSULTANT



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6	6	Substructure	Pier 19, West Column, Southwest Corner, 2'-0" below the cap - There is a 2'-0" wide x 2'-6" high x up to 2 1/2" deep spall with exposed reinforcement and an adjacent 1'-4" wide x 1'-7" high area of delamination.	Pier 19, West Column, Southwest Corner, 2'-0" below the cap - Remove unsound concrete and patch.	118	2	2015-BCZ472001 (S17-S19)-00026	OPEN
6	6	Substructure	Pier 19, West Column, Southeast Chamfer, 4'-0" below the upper strut - There is a 1'-6" high x 1'-0" wide area of delamination with hairline vertical cracking just below an existing repair patch.	Pier 19, West Column, Southeast Chamfer, 4'-0" below the upper strut - Repair unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00071	OPEN
6	6	Substructure	Pier 19, West Column, East Face, 10'-0" above the upper strut - There is an 8'-0" high x 3'-0" wide area of delamination with 1/16" wide vertical cracks along the edges.	Pier 19, West Column, East Face, 10'-0" above the upper strut - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00070	OPEN
6	6	Substructure	Pier 19, East Column, North Face, at the Northeast Corner, at the base - There is a 7'-6" high x 1'-8" wide area of delamination with 1/16" wide vertical cracking with minor efflorescence.	Pier 19, East Column, North Face, at the Northeast Corner, at the base - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00085	OPEN



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6	6	Substructure	Pier 19, East Column, South Face, at the east end, just above the upper strut - There is a 1'-6" wide x 5'-0" high area of delamination with hairline vertical cracking with minor efflorescence.	Pier 19, East Column, South Face, at the east end, just above the upper strut - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00100	OPEN
6	6	Substructure	Pier 19, East Column, South Face, at the upper chamfer - There is an up to 7'-0" wide x up to 3'-0" high area of delamination with 1/16" wide diagonal cracks with minor efflorescence.	Pier 19, East Column, South Face, at the upper chamfer - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00073	OPEN
6	6	Substructure	Pier 19, East Column, Southeast Corner and South Face, just below the cap - There is a 2'-0" wide x 5'-0" high area of delamination and a 7" wide x 2'-4" high wide x up to 4" deep spall with no exposed reinforcement.	Pier 19, East Column, Southeast Corner and South Face, just below the cap - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00074	OPEN
6	6	Substructure	Pier 19, East Column, Southeast Corner, just below the upper strut - There is an up to 1'-6" wide x 2'-0" high area of delamination with hairline vertical cracking.	Pier 19, East Column, Southeast Corner, just below the upper strut - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00072	OPEN



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6	6	Substructure	Pier 19, East Column, Southeast Corner, at mid-height between the upper and lower strut - There is an up to 2'-0" wide x 3'-6" high area of delamination with hairline vertical cracking.	Pier 19, East Column, Southeast Corner, at mid-height between the upper and lower strut - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00071	OPEN
6	6	Substructure	Pier 19, East Column, Southeast Corner, 3'-0" from the base - There is a 1'-3" wide x 4'-0" high area of delamination.	Pier 19, East Column, Southeast Corner, 3'-0" from the base - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00070	OPEN
6	6	Substructure	Pier 19, East Column, South Face, at the base - There is a 4'-3" wide x up to 3'-6" high area of delamination in the chamfer.	Pier 19, East Column, South Face at the base - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00013	OPEN
6	6	Substructure	Pier 19, East Column, West Face, 8'-0" above the base - There is a 4'-0" wide x up to 6" high area of delamination with up to 1/2" deep edge spalling.	Pier 19, East Column, West Face, 8'-0" above the base - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00074	OPEN
6	6	Substructure	Pier 19, East Column, West Face, at the south edge, just below upper strut - There is a 2'-8" wide x 3'-0" high area of delamination with hairline vertical cracking with minor efflorescence.	Pier 19, East Column, West Face, at the south edge, just below upper strut - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00076	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

6	6	Substructure	Pier 19, East Column, West Face, just above the lower strut - There is a 3'-6" wide 5'-0" high area of delamination with hairline vertical cracking.	Pier 19, East Column, West Face, just above the lower strut - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00101	OPEN
6	6	Substructure	Pier 19, East Column, West Face, approximately 8'-0" below the bottom of the cap - There is a 4'-0" wide x 8'-0" high area of delamination that extends 6" into the northwest chamfer with random up to 1" deep spalling with exposed corroded reinforcement.	Pier 19, East Column, West Face, approximately 8'-0" below the bottom of the cap - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00075	OPEN
6	6	Substructure	Pier 19, East Column, Northeast Corner, 2'-0" below the upper strut - There is a 10'-0" high x 6" wide area of delamination in the chamfer that extends up to 6" wide in the east face.	Pier 19, East Column, Northeast Corner, 2'-0" below the upper strut - There is a 10'-0" high x 6" wide area of delamination in the chamfer that extends up to 6" wide in the east face.		3	2023-BCZ472001 (S17-S19)-00075	OPEN
6	6	Substructure	Pier 19, East Column, East Face, at the lower strut, at the south end - There is a 1'-0" wide x 2'-6" high area of delamination.	Pier 19, East Column, East Face, at the lower strut, at the south end - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00102	OPEN
6	6	Substructure	Pier 19, East Column, East Face, at the base - The sign is missing.	Pier 19, East Column, East Face, at the base - Replace the missing sign.		3	2019-BCZ472001 (S17-S19)-00051	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

		60.08 - Catwalk						
7	7	Substructure	No defects noted.					
		60.24 - Settlement						
7	7	Substructure	No defects noted.					
		60.30 - Struts						
6	6	Substructure	Typical - There is random hairline cracking and popout spalls with exposed and corroded reinforcement throughout both struts. There are several sound patches in north and south faces that exhibit random hairline cracking.					
6	6	Substructure	Pier 19, Lower Strut, South Face, at approximately mid-length and mid-height - There is a 3'-9" wide x 2'-0" high area of delamination.	Pier 19, Lower Strut, South Face, at approximately mid-length and mid-height - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00082	OPEN
6	6	Substructure	Pier 19, Lower Strut, bottom of the South Face, at the East Column - There is a 12'-0" long x up to 5'-6" high area of delamination.	Pier 19, Lower Strut, bottom of the South Face, at the East Column - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00083	OPEN
6	6	Substructure	Pier 19, Lower Strut, Underside, 6'-0" from West Column - There is a 2'-0" wide x 2'-6" long area of delamination along the north edge.	Pier 19, Lower Strut, Underside, 6'-0" from West Column - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00079	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

6	6	Substructure	Pier 19, Lower Strut, Underside, under Stringer 7 - There is a 3'-9" long x up to full-width (4'-6") area of delamination.	Pier 19, Lower Strut, Underside, under Stringer 7 - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00084	OPEN
6	6	Substructure	Pier 19, Lower Strut, Underside, 12'-0" from East Column - There is a 4'-0" long x up to 2'-0" wide area of delamination.	Pier 19, Lower Strut, Underside, 12'-0" from East Column - Remove unsound concrete and patch.		3	2023-BCZ472001 (S17-S19)-00078	OPEN
6	6	Substructure	Pier 19, Upper Strut, Top Face, south end, 2'-0" from the West Column - There is a 7'-0" long x 1'-0" wide area of delamination along the south chamfer with associated fine cracks with corrosion staining.	Pier 19, Upper Strut, Top Face, south end, 2'-0" from the West Column - Remove unsound concrete and patch.		3	2019-BCZ472001 (S17-S19)-00081	OPEN
6	6	Substructure	Pier 19, Lower Strut, South Face, 1'-0" from the West Column - There is a 2'-0" long x 2'-0" high area of delamination.	Pier 19, Lower Strut, South Face, 1'-0" from the West Column - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00014	OPEN
6	6	Substructure	Pier 19, Upper Strut, South Face, at the top edge, near West Column - There is a 10'-0" long x up to 2'-6" high area of delamination with horizontal hairline cracks and corrosion staining.	Pier 19, Upper Strut, South Face, at the top edge - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00015	OPEN



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Condition Notes and Repair Recommendations for item 58 - 62

6	6	Substructure	Pier 19, Upper Strut, South Face, Bottom Edge, 12'-0" from the West Column - There is a 2'-0" long hairline horizontal crack with rust staining.					
6	6	Substructure	Pier 19, Upper Strut, Top Face, south end, at the East Column - There is a 1'-6" long x up to 1'-0" wide x 1" deep spall.	Pier 19, Upper Strut, Top Face, south end, at the East Column - Remove unsound concrete and patch.		3	2021-BCZ472001 (S17-S19)-00016	OPEN
6	6	Substructure	Pier 19, Upper Strut, South Face, 7'-0" from the East Column - There is a 2'-0" long horizontal hairline crack with rust staining.	Pier 19, Upper Strut, South Face, 7'-0" from the East Column - Seal the crack.		3	2021-BCZ472001 (S17-S19)-00105	OPEN
6	6	Substructure	Pier 19, Upper Strut, North Face, bottom edge, at the West Column - There is a 4'-0" long x 1/16" wide horizontal crack with rust staining with an associated 1'-0" wide area of delamination. Adjacent to that is an additional 4'-0" long x 1/16" wide horizontal crack and a 4'-0" long hairline horizontal crack.	Pier 19, Upper Strut, North Face, bottom edge, at the West Column - Remove unsound concrete and patch and seal the 1/16" wide cracks.		3	2021-BCZ472001 (S17-S19)-00104	OPEN
6	6	Substructure	Pier 19, Upper Strut, North Face, top edge, 6'-0" from the West Column - There is a 1'-6" long horizontal hairline crack with corrosion staining.	Pier 19, Upper Strut, North Face, top edge, 6'-0" from the West Column - Seal the crack.		3	2021-BCZ472001 (S17-S19)-00106	OPEN



Condition Notes and Repair Recommendations for item 58 - 62

		60.Utilities						
7	7	Substructure	No defects noted.					





MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

Photos	
<p>PHOTO NO.: 1</p> <p>Location: Span 17, Southbound Left Lane, 4'-0" north of PP21, along the left wheel line.</p> <p>Direction: East</p> <p>Description: There is a 1'-6" long x 1'-3" wide x up to 2" deep spall. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.</p> <p>Element #: 58.01 - Wearing Surface</p> <p>Rating #: 5</p> <p>MDTA Repair: 2 Repair Id: 2021-BCZ472001(S17-S19)-00043</p>	
<p>PHOTO NO.: 2</p> <p>Location: Span 17, West Fascia, underside of overhang, over L6</p> <p>Direction: North</p> <p>Description: There is a 1'-0" diameter x 2 1/2" deep spall with exposed reinforcement.</p> <p>Element #: 58.03 - Fascias</p> <p>Rating #: 5</p> <p>MDTA Repair: 3 Repair Id: 2019-BCZ472001(S17-S19)-00427</p>	



MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 3

Location: Span 17, West Fascia, at PP22

Direction: Northeast

Description: There is a 2'-8" long x 4" high x 6" wide spall with exposed steel reinforcement.

Element #: 58.03 - Fascias

Rating #: 5

MDTA Repair: 2
Repair Id: 2019-BCZ472001(S17-S19)-00433



PHOTO NO.: 4

Location: Span 17, East Fascia, just south of PP8

Direction: Southwest

Description: There is a 4'-3" long x 1'-2" high x 2" deep spall with exposed reinforcement. FY 2021 and 2023 Inspections: The repair status was CLOSE-MDTA, however, at the time of inspection, the defect still exists and is recommended that it be changed back to OPEN.

Element #: 58.03 - Fascias

Rating #: 5

MDTA Repair: 3
Repair Id: 2017-BCZ472001(S17-S19)-00022





MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 5
Location: Span 17, East Fascia, 2'-0" north of PP8
Direction: West
Description: There is a 5'-0" long x 1'-0" high x up to 3" deep spall with exposed and corroded reinforcement.
Element #: 58.03 - Fascias
Rating #: 5
MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00002



PHOTO NO.: 6
Location: Span 17, East Fascia, at the mid-point between PP11 and PP 12
Direction: Southwest
Description: There is a 2'-1" long x 4" high x 6" deep edge spall with exposed and corroded reinforcement and adjacent delamination 2'-3" long x 4" high x 6" wide.
Element #: 58.03 - Fascias
Rating #: 5
MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00003





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 7

Location: Span 17, East Fascia, below drainage slot just south of PP15

Direction: Northwest

Description: There is a 5'-4" long x 8" high x 4" deep corner spall with exposed and corroded reinforcement.

Element #: 58.03 - Fascias

Rating #: 5

**MDTA Repair: 2
Repair Id: 2019-BCZ472001(S17-S19)-00248**



PHOTO NO.: 8

Location: Span 17, East Fascia, Between PP15 and PP16, 8'-0" south of PP16

Direction: West

Description: There is a 2'-2" long x 1'-3" wide x 2" deep edge spall located on the top edge of the fascia beneath the parapet within a drain hole, that extends on to the top surface of the deck.

Element #: 58.03 - Fascias

Rating #: 5

**MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00042**



PHOTO NO.: 9

Location: Span 17, West Parapet, West Face, between PP5 and PP6.

Direction: East

Description: There is a full-height x up to 1'-8" wide x 4" deep spall with exposed and corroded reinforcement.

Element #: 58.04 - Railings & Parapets

Rating #: 5

MDTA Repair: 2
Repair Id: 2017-BCZ472001(S17-S19)-00004



PHOTO NO.: 10

Location: Span 17, West Parapet, Base of the East Face, between PP15 and PP16

Direction: West

Description: There is a 1'-9" long x 8" wide x up to 2" deep spall with exposed corroded steel reinforcement.

Element #: 58.04 - Railings & Parapets

Rating #: 5

MDTA Repair: 2
Repair Id: 2019-BCZ472001(S17-S19)-00033





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 11
Location: East Parapet, West Face, between PP5 and PP6
Direction: Northwest
Description: There is a full-height x up to 10" wide x 4" deep spall with exposed corroded steel reinforcement.
Element #: 58.04 - Railings & Parapets
Rating #: 5
MDTA Repair: 2
Repair Id: 2023-BCZ472001(S17-S19)-00328



PHOTO NO.: 12
Location: Span 17, Median, West Face, 15'-0" north of PP19
Direction: East
Description: There is a 9" wide x 1'-0" high x 2" deep spall with exposed corroded steel reinforcement.
Element #: 58.06 - Median
Rating #: 5
MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00008





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 13
Location: Span 17, Median, East Face, 5'-0" north of PP13
Direction: West
Description: There is a 1'-6" wide x 1'-0" high x 1 1/2" deep spall with exposed corroded steel reinforcement.
Element #: 58.06 - Median
Rating #: 5
MDTA Repair: 2
Repair Id: 2017-BCZ472001(S17-S19)-00008



PHOTO NO.: 14
Location: Span 17, Median, East Face, at the base, 4'-0" south of PP17
Direction: West
Description: There is a 2'-6" wide x 1'-2" high x 1" deep spall with exposed corroded steel reinforcement and an adjacent 1'-6" wide x 1'-0" high delamination.
Element #: 58.06 - Median
Rating #: 5
MDTA Repair: 2
Repair Id: 2013-BCZ472001(S17-S19)-00176





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 15

Location: Span 17, PP 01-PP 02, Lateral bracing - Upper Lateral Brace, at M2

Direction: East

Description: There is ponding water on web and bottom flange due to drain holes that are not correctly placed in the web. FY 2022 Inspection: Holes have been drilled in the bottom of the web and this defect was not observed. Repair status changed to CLOSE-CONSULTANT.

Element #: 59.PP 01- PP 02

Rating #: 7

MDTA Repair: 3
Repair Id: 2017-BCZ472001(S17-S19)-00027

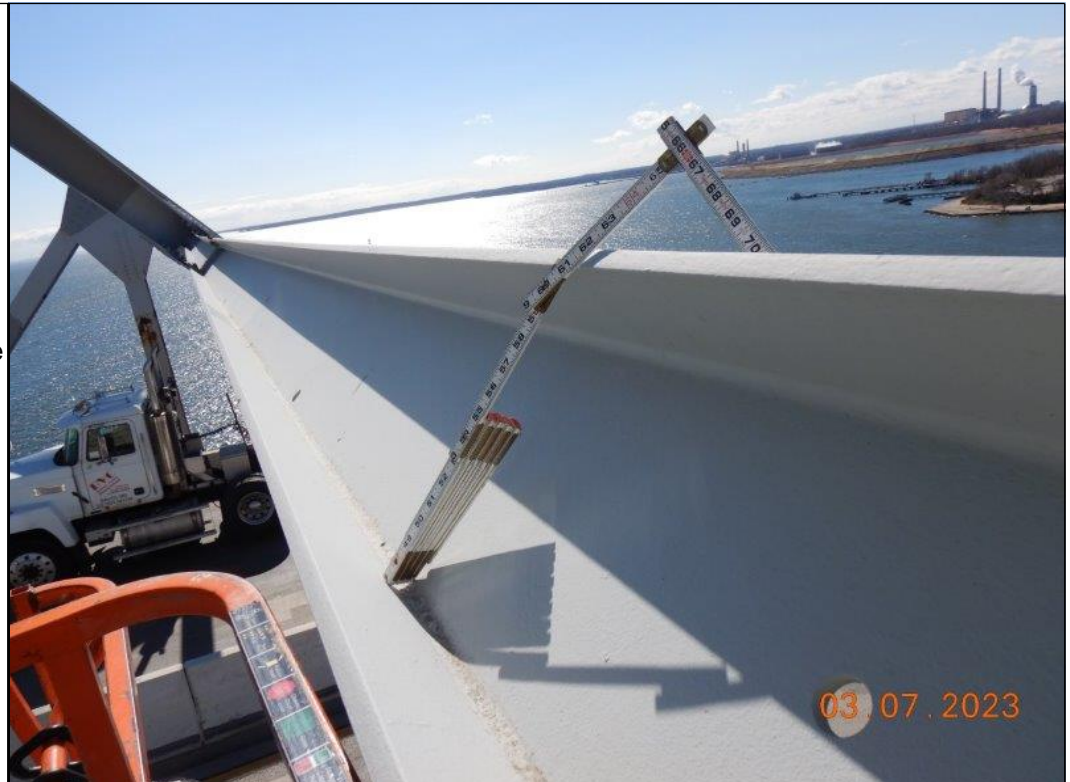


PHOTO NO.: 16

Location: Span 17, West Truss, Bottom Chord, near L5, Top and Bottom Splice Plates

Direction: West

Description: The east and west edges are deformed up to 1 1/2" due to pack rust.

Element #: 59.PP 04 - PP 05

Rating #: 6

MDTA Repair: 3
Repair Id: 2015-BCZ472001(S17-S19)-00002



PHOTO NO.: 17

Location: West Truss,
Bottom Chord, bottom face,
just north of L6

Direction: South

Description: Inside the south
vertical edge of the access
hole there is a 10 1/16" long
horizontal laminar fold crack.

Element #: 59.PP 06 - PP 07

Rating #: 7

MDTA Repair:
Repair Id:



PHOTO NO.: 18

Location: Span 17, West
Truss, Bottom Chord, Field
Splice near L9, Interior Top
Plate

Direction: North

Description: The northwest
corner bolt nut is missing and
the bolt hole is surrounded by
moderate corrosion.

Element #: 59.PP 08 - PP 09

Rating #: 6

MDTA Repair: 3
Repair Id: 2023-
BCZ472001(S17-S19)-00019





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 19
Location: Span 17, Stringer Bearings, at Floorbeam 9
Direction: Southwest
Description: There is minor to moderate corrosion throughout. Corrosion is worst on Stringer 6, 7, and 8 Bearings, with moderate corrosion and delamination.
Element #: 59.PP 09 - PP 10
Rating #: 7
MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00396



PHOTO NO.: 20
Location: Span 17, Stringer 9 Bearing, at Floorbeam 9
Direction: Southeast
Description: The bearing pad is improperly sized and overhangs the sole plate by 1" on the north edge, but is flush on the south edge.
Element #: 59.PP 09 - PP 10
Rating #: 7
MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00412





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 21

Location: Span 1, West Truss, U11-L11

Direction: East

Description: There are random areas of failing paint with active section loss that throughout the member. FY 2023 Inspection: This defect has been repaired with spot painting. Repair status changed to CLOSE-CONSULTANT.

Element #: 59.PP 10- PP 11

Rating #: 7

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00094



PHOTO NO.: 22

Location: Span 17, Floorbeam 12, Bottom Flange, Top Face, South Side, in Bay 1

Direction: North

Description: There are two (2) areas (9" long x 4" wide and 1'-10" long x 4" wide) of painted over pitting with with up to 1/8" deep section loss and isolated areas of up to 1/4" deep section loss.

Element #: 59.PP 11- PP 12

Rating #: 6

MDTA Repair:
Repair Id:





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 23

Location: Span 17,
Floorbeam 12, Bottom
Flange, Top Face, North
Side, in Bay 1

Direction: Southeast

Description: There are three
(3) areas (4" long x 3" wide,
8" long x 3" wide, 2'-8" long x
4" wide) of painted over
pitting that is typically 1/8"
deep with isolated areas up
to 1/4" deep.

Element #: 59.PP 11- PP 12

Rating #: 6

MDTA Repair:
Repair Id:



PHOTO NO.: 24

Location: Span 17, East
Truss, U11-M12, Top
Handhole at U11

Direction: North

Description: There is minor
debris accumulation at the
diaphragm with corrosion
bleeding from the hole.

Element #: 59.PP 11- PP 12

Rating #: 7

MDTA Repair: 3
Repair Id: 2013-
BCZ472001(S17-S19)-00149





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 25

Location: Span 17, Lower Lateral Brace, Middle Connection, at Floorbeam 12, Top and Bottom Flanges

Direction: North

Description: The connection plates exhibit corrosion around the flanges of the brace with up to 3/16" pack rust at the Top Flange. FY 2023 Inspection: This defect was not observed. Repair status changed to CLOSE-CONSULTANT.

Element #: 59.PP 11- PP 12

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00414



PHOTO NO.: 26

Location: Span 17, Floorbeam 13, connection to the West Truss, Bottom Flange T-Connection, north edge

Direction: Southwest

Description: There is heavy corrosion and section loss with 1/2" remaining.

Element #: 59.PP 12- PP 13

Rating #: 6

MDTA Repair: 3
Repair Id: 2017-BCZ472001(S17-S19)-00029





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 27

Location: Span 17, Upper Lateral Brace, U11E-U13W, at U13W, Top Flange

Direction: West

Description: There is 3/8" pack rust between the top flange and top connection plate on the north side of the connection.

Element #: 59.PP 12- PP 13

Rating #: 7

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00039



PHOTO NO.: 28

Location: Span 17, Floorbeam 16, North Face, under Stringer 5, vertical stiffener, at the Bottom Flange

Direction: Southeast

Description: The stiffener is bent out of plane up to 3/4" over a 9" length. There is also a 2 1/2" long x 1/32" wide crack in the weld on at the west face. The crack extends into the stiffener plate, but not into the floorbeam.

Element #: 59.PP 15- PP 16

Rating #: 7

MDTA Repair: 2
Repair Id: 2023-BCZ472001(S17-S19)-00046





MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 29

Location: Span 17,
Floorbeam 17, Stringer
Bearing 8, West and East
Anchor Bolts

Direction: South

Description: The East Anchor Bolt is sheared and there is 25% section loss to the West Anchor Bolt with 5/8" pack rust between the bearing and the top flange.

Element #: 59.PP 17- PP 18

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-
BCZ472001(S17-S19)-00531



PHOTO NO.: 30

Location: Span 17, East
Truss, L17-M18, Top
Handhole at M18

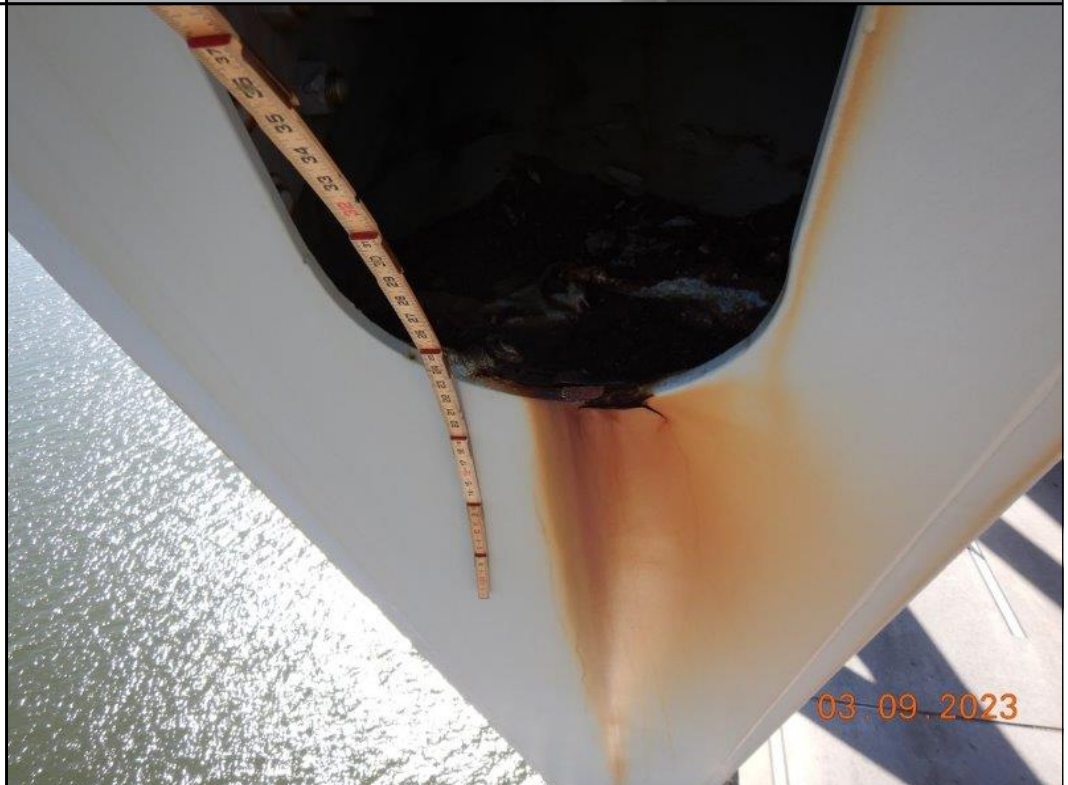
Direction: South

Description: There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired with an epoxy pour. Repair status changed to CLOSE-CONSULTANT.

Element #: 59.PP 17- PP 18

Rating #: 7

MDTA Repair: 3
Repair Id: 2013-
BCZ472001(S17-S19)-00033





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 31

Location: Span 17, West Truss, M18-U19, Top Handhole at U19

Direction: West

Description: There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: An epoxy repair has been implemented as this location, but the repair is insufficient and still allows water to pond. There are 2'-0" long x 1'-0" high areas corrosion with up to 1/8" section loss and delamination on in the interior faces of the east and west plates at this location. The existing repair shall remain open.

Element #: 59.PP 18- PP 19

Rating #: 7

MDTA Repair: 3
Repair Id: 2013-BCZ472001(S17-S19)-00040





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 32

Location: Span 17, West Truss, L19-M20, Top Handhole at M20

Direction: South

Description: There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.

Element #: 59.PP 19- PP 20

Rating #: 7

MDTA Repair: 3
Repair Id: 2013-BCZ472001(S17-S19)-00041



PHOTO NO.: 33

Location: Span 17, PP21 Joint, Southbound Right Lane, 1'-3" from the lane line

Direction: Northwest

Description: There is a 5" long x 1/2" deep area of minor impact damage.

Element #: 59.PP 20- PP 21

Rating #: 6

MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00060





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 34

Location: Span 17, Lower Lateral Brace, L21E - L21W, Lower Strut, North Face

Direction: South

Description: There is 1/4" pack rust between the top flange and connection plate at the center vertical member.

Element #: 59.PP 20- PP 21

Rating #: 7

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00093



PHOTO NO.: 35

Location: PP25, West Truss Bearing at Pier 18

Direction: East

Description: There is moderate corrosion staining and ponding water between stiffeners. There is moderate corrosion at perimeter of the bearing pin cover plates and above the pin with corrosion and active leakage from the weep hole above the cover plate.

Element #: 59.PP 24- PP 25

Rating #: 6

MDTA Repair: 3
Repair Id: 2010-BCZ472001-00135





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 36
Location: Span 17,
Floorbeam 25, Stringer 4
Bearing, West Anchor Bolt
Direction: North
Description: The anchor bolt
is missing and there is 1/4"
pack rust below the bearing.
Element #: 59.PP 24- PP 25
Rating #: 6
MDTA Repair: 3
Repair Id: 2013-
BCZ472001(S17-S19)-00089



PHOTO NO.: 37
Location: Span 17, West
Truss, L25-U25, Interior
Direction: Northeast
Description: There is 6" of
standing water and heavy
debris in members being
retained between gusset
plates. Water is leaking from
inside member immediately
above bearings from L25 and
sitting at the bases of the
bearings.
Element #: 59.PP 24- PP 25
Rating #: 6
MDTA Repair: 3
Repair Id: 2010-BCZ472001-
00198





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 38

Location: Pier 17, Northeast Column, East Face, South End

Direction: Northwest

Description: 8'-0" high area of delaminated concrete with an associated 7" wide x 1'-9" high x 2" deep spall with exposed corroded reinforcement.

Element #: 60.04 - Columns

Rating #: 6

MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00038



PHOTO NO.: 39

Location: Pier 17, Southwest Dolphin

Direction: Southwest

Description: The dolphin is leaning noticeably to the northwest.

Element #: 60.25 - Fender System

Rating #: 6

MDTA Repair:
Repair Id:





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 40
Location: Pier 17, Southeast Dolphin
Direction: East
Description: There is up to 1'-6" deep spalling at the waterline around the perimeter.
Element #: 60.25 - Fender System
Rating #: 6
MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00041



PHOTO NO.: 41
Location: Span 18, Northbound Right Lane, just north of the PP29 joint, 6'-0" from the lane line
Direction: West
Description: There is a 10" long x 1'-6" wide area of delamination with an 8" long x 1'-3" wide up to 2" deep spall with exposed corroded steel reinforcement. FY 2023 Inspection: This defect has been repaired. Repair Status changed to CLOSE-MDTA.
Element #: 58.01 - Wearing Surface
Rating #: 5
MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00011





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 42
Location: Span 18,
Northbound Right Lane,
15'-0" north of PP38 along
right wheel path
Direction: North
Description: There is a 1'-4"
long x 1'-0" wide x 1 3/4"
deep spall.
Element #: 58.01 - Wearing
Surface
Rating #: 5
MDTA Repair: 1
Repair Id: 2023-
BCZ472001(S17-S19)-00076



PHOTO NO.: 43
Location: Span 18,
Northbound Right Lane, 8'-6"
south of PP56
Direction: North
Description: There is a repair
spall.
Element #: 58.01 - Wearing
Surface
Rating #: 5
MDTA Repair: 3
Repair Id: 2021-
BCZ472001(S17-S19)-00012





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 44
Location: Span 18, East Fascia, at B62 between PP61 and PP62
Direction: North
Description: There is a 4'-0" long x 9" high x up to 3" deep spall.
Element #: 58.03 - Fascias
Rating #: 5
MDTA Repair: 2
Repair Id: 2023-BCZ472001(S17-S19)-00318



PHOTO NO.: 45
Location: Span 18, West Parapet, East Face, 5'-0" north of PP61 at scupper
Direction: West
Description: There are two (2) 1'-6" long x 7" high x 2 1/2" deep spalls with exposed corroded steel reinforcement.
Element #: 58.04 - Railings & Parapets
Rating #: 5
MDTA Repair: 3
Repair Id: 2017-BCZ472001(S17-S19)-00018





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 46
Location: Span 18, PP35 - PP36, Bay 9, SIP Forms, mid-length
Direction: West
Description: There is a 3'-0" long x 3'-0" wide area of moderate corrosion with several 4" diameter areas of 100% section loss.
Element #: 58.07 - Deck Underside
Rating #: 7
MDTA Repair:
Repair Id:



PHOTO NO.: 47
Location: Span 18, Floorbeam 25, Stringer 1 Bearing Pad
Direction: South
Description: The bearing pad is split.
Element #: 59.PP 25- PP 26
Rating #: 7
MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00257





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 48

Location: Span 18, Lower Lateral Brace, connection to the East Truss, at L28

Direction: South

Description: There is one (1) missing bolt. FY 2023
Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.

Element #: 59.PP 27- PP 28

Rating #: 6

MDTA Repair: 3
Repair Id: 2015-BCZ472001(S17-S19)-00010



PHOTO NO.: 49

Location: Span 18, West Truss, at U29, Suspende Cable, North Face

Direction: South

Description: There is a 1'-0" high area of corrosion staining emanating from the pin with minor surface corrosion to the top of the cable below the top socket. The pin nut has peeling paint and minor corrosion on the top and bottom socket.

Element #: 59.PP 28- PP 29

Rating #: 7

MDTA Repair: 3
Repair Id: 2010-BCZ472001-00173



PHOTO NO.: 50

Location: Span 18, Lower Lateral Brace, at PP 28, Wind Tongue, west end, Bottom Connection Plate, north edge and top face

Direction: South

Description: There is moderate corrosion and delamination throughout.

Element #: 59.PP 28- PP 29

Rating #: 6

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00117



PHOTO NO.: 51

Location: Span 18, First Diaphragm from Floorbeam 29, Bay 2, at mid-length.

Direction: South

Description: There is a hairline crack in the top flange for 2 3/4" long and in the web for 3 1/2" long with 1/4" lateral offset of the top flange.

Element #: 59.PP 29- PP 30

Rating #: 5

MDTA Repair: 1
Repair Id: 2023-BCZ472001(S17-S19)-00386



PHOTO NO.: 52

Location: Span 18, First Diaphragm from Floorbeam 29, Bay 2, at mid-length

Direction: West

Description: The web is buckled 5/8" to the north.

Element #: 59.PP 29- PP 30

Rating #: 5

MDTA Repair: 1
Repair Id: 2023-BCZ472001(S17-S19)-00386



PHOTO NO.: 53

Location: Span 18, Floorbeam 29, North Face, Top Flange, Bay 4

Direction: Southeast

Description: There are two (2) joint armor bolts missing.

Element #: 59.PP 29- PP 30

Rating #: 6

MDTA Repair: 3
Repair Id: 2013-BCZ472001(S17-S19)-00087



PHOTO NO.: 54

Location: Span 18,
Floorbeam 30, south web,
east end, and Bottom Flange

Direction: North

Description: There is a 1'-6"
long x 1'-0" high x full-width
of Bottom Flange Top Face
are of moderate corrosion
and paint failure.

Element #: 59.PP 29- PP 30

Rating #: 6

MDTA Repair: 3
Repair Id: 2023-
BCZ472001(S17-S19)-00119



PHOTO NO.: 55

Location: Span 18, West
Truss, Suspended Bottom
Chord, B29-B30, at the Field
Splice with pin

Direction: West

Description: There is
corrosion and the bottom
chord segments are
misaligned up to 1/2" vertical
at the splice and vibrate
under live load.

Element #: 59.PP 29- PP 30

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-
BCZ472001(S17-S19)-00113





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 56
Location: Span 18, West Truss, Suspended Bottom Chord, B29-B30, at B29
Direction: South
Description: The bird screen is detached shifted south inside bottom chord.
Element #: 59.PP 29- PP 30
Rating #: 6
MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00331



PHOTO NO.: 57
Location: Span 18, East Truss, Suspended Bottom Chord, B29-B30, near B30, West, Top and Bottom Faces
Direction: Northwest
Description: There is heavy corrosion, paint failure up to 6'-0" long x full-width x full-height and corrosion staining with up to 1/16" deep section loss.
Element #: 59.PP 29- PP 30
Rating #: 6
MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00264



PHOTO NO.: 58

Location: Span 18, PP31,
Fourth Median Diaphragm
Channel from PP31, Top
Flange

Direction: North

Description: There is a 2'-6"
long area of knife edging.

Element #: 59.PP 30- PP 31

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-
BCZ472001(S17-S19)-00118



PHOTO NO.: 59

Location: Span 18, East
Truss, PP32, Suspender
Cable, Top Hanger

Direction: East

Description: There is a 7/16"
wide gap between the bolt
head and suspender.

Element #: 59.PP 31- PP 32

Rating #: 6

MDTA Repair:
Repair Id:





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 60
Location: PP33 Northbound Joint Seal
Direction: West
Description: Joint seal is bulging and torn throughout.
Element #: 59.PP 32- PP 33
Rating #: 5
MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00411



PHOTO NO.: 61
Location: Span 18, PP33 Seal, Southbound Right Lane, Right Wheel Line
Direction: East
Description: There is a 2'-0" long tear in the joint seal
Element #: 59.PP 32- PP 33
Rating #: 5
MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00317





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 62

Location: Span 18,
Floorbeam 33, top of the
Bottom Flange, Bay 6, north
side

Direction: South

Description: There is a 1'-0"
long x 5" wide x up to 1/4"
deep area of section loss.

Element #: 59.PP 32- PP 33

Rating #: 5

MDTA Repair:
Repair Id:



PHOTO NO.: 63

Location: Span 18, East
Truss, Bottom Chord, East
and West sides of Splice
along bottom edge, at B32

Direction: East

Description: There is a 1'-0"
long x 3" wide area of
moderate corrosion with paint
failure and minor laminar
corrosion.

Element #: 59.PP 32- PP 33

Rating #: 6

MDTA Repair: 3
Repair Id: 2023-
BCZ472001(S17-S19)-00152





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 64

Location: Span 18, Lower Lateral Bracing, top connection plate to East Truss, at B33

Direction: East

Description: There is heavy corrosion with paint failure and moderate laminar corrosion and minor section loss.

Element #: 59.PP 32- PP 33

Rating #: 6

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00149



PHOTO NO.: 65

Location: Span 18, Suspended Roadway Lateral Brace, connection to the West Truss, at B35, Bottom Connection Plate

Direction: West

Description: There is 3/4" pack rust for 4" long between the flange and connection plate that bows up at the corner. This is typical at many locations.

Element #: 59.PP 34- PP 35

Rating #: 6

MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00269





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 66

Location: Span 18, PP37 Joint, Southbound Lanes

Direction: East

Description: There is moderate cracking and tears in the seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below. FY 2023 Inspection: This defect has been repaired. Repair status has changed to CLOSE-CONSULTANT.

Element #: 59.PP 36- PP 37

Rating #: 6

MDTA Repair: 2
Repair Id: 2013-BCZ472001(S17-S19)-00133



PHOTO NO.: 67

Location: Span 18, PP37 Joint, Southbound Right Lane, near the centerline

Direction: East

Description: The joint armor is bent and broken over a 1'-3" length. FY 2023 Inspection: This defect has been covered with concrete overlay and is no longer warranted. Repair status changed to CLOSE-CONSULTANT.

Element #: 59.PP 36- PP 37

Rating #: 6

MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00273



PHOTO NO.: 68

Location: Span 18,
Floorbeam 37, North and
South Face, Top Flange, in
Bay 5

Direction: North

Description: There is a 6'-0"
long area of moderate
corrosion with minor section
loss and moderate laminar
corrosion.

Element #: 59.PP 36- PP 37

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-
BCZ472001(S17-S19)-00011



PHOTO NO.: 69

Location: Span 18,
Suspended Roadway Lateral
Brace, connection to the East
and West Truss, at B40,
Bottom Connection Plate,
north corner

Direction: West

Description: There is 5" long
x up to 3/4" high upward
bending due to pack rust.

Element #: 59.PP 39- PP 40

Rating #: 6

MDTA Repair: 3
Repair Id: 2015-
BCZ472001(S17-S19)-00036





MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 70
Location: Span 18, PP41
Northbound Joint
Direction: West
Description: There is moderate cracking and tears in the seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below.
Element #: 59.PP 40- PP 41
Rating #: 6
MDTA Repair: 2
Repair Id: 2013-BCZ472001(S17-S19)-00134



PHOTO NO.: 71
Location: Span 18,
Suspended Roadway Lateral
Brace, connection to the East
Truss, at B41, Top and
Bottom Connection Plate
Direction: East
Description: The top and bottom flange are deformed 1/2" due to pack rust for 5" long which cause it to bend up and down.
Element #: 59.PP 40- PP 41
Rating #: 7
MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00151



PHOTO NO.: 72

Location: Span 18, First Support Diaphragm from Floorbeam 41, Bay 2, Web to Top Flange Interface

Direction: South

Description: There is a 4" long surface crack at top flange to web interface.

Element #: 59.PP 41- PP 42

Rating #: 6

MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00281



PHOTO NO.: 73

Location: Span 18, East Truss, at B42, Outboard Gusset Plate

Direction: South

Description: The gusset plate is bent outward 1/4" due to full-width x 2" high pack rust.

Element #: 59.PP 41- PP 42

Rating #: 7

MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00283



PHOTO NO.: 74

Location: Span 18,
Suspended Roadway Lateral
Brace, center connection at
Floorbeam 42, Top
Connection Plate

Direction: West

Description: The connection
plate along east edge is
bowed downward 1" over a
4" length due to pack rust.

Element #: 59.PP 42- PP 43

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-
BCZ472001(S17-S19)-00154



PHOTO NO.: 75

Location: Span 18,
Floorbeam 45, South Face,
east end, at the lower lateral
brace connection

Direction: Northeast

Description: There is a 9"
long x 3" wide area of
moderate corrosion, peeling
paint, and minor laminar
corrosion on the bottom
flange and a 4" diameter
area on the web of moderate
corrosion.

Element #: 59.PP 44- PP 45

Rating #: 7

MDTA Repair: 3
Repair Id: 2019-
BCZ472001(S17-S19)-00158





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 76

Location: Span 18, West Truss, at U45, South Connection Plate Angle

Direction: West

Description: Top edge the connection plate is deformed up to 3/4" with two (2) unseated bolts.

Element #: 59.PP 44- PP 45

Rating #: 7

MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00285



PHOTO NO.: 77

Location: Span 18, PP49 Joint (Northbound Lanes shown)

Direction: West

Description: There is moderate cracking and tears of the joint seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below deck.

Element #: 59.PP 48- PP 49

Rating #: 5

MDTA Repair: 2
Repair Id: 2013-BCZ472001(S17-S19)-00135





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 78
Location: Span 18, PP53 Joint (Northbound lanes shown)
Direction: West
Description: There is moderate cracking and tears of the joint seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below deck.
Element #: 59.PP 52- PP 53
Rating #: 5
MDTA Repair: 2
Repair Id: 2013-BCZ472001(S17-S19)-00136



PHOTO NO.: 79
Location: Span 18, Stringer 5 and 6, at Floorbeam 53, Top and Bottom Faces of Bottom Flange
Direction: Northwest
Description: There is an up to 2'-6" long area of moderate corrosion with moderate laminar corrosion.
Element #: 59.PP 52- PP 53
Rating #: 6
MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00216





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 80

Location: Ninth Median Support Diaphragm From Floorbeam 56, Web

Direction: North

Description: There is a 3'-0" long x 8" high area of intermittent 100% section loss (2"-3" wide) that wraps around the vertical median connection plate.

Element #: 59.PP 56- PP 57

Rating #: 5

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00231



PHOTO NO.: 81

Location: Span 18, PP 57 Joint (Northbound lanes shown)

Direction: West

Description: PP 57 Joint there is moderate cracking and tears of the joint seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below deck.

Element #: 59.PP 56- PP 57

Rating #: 5

MDTA Repair: 2
Repair Id: 2013-BCZ472001(S17-S19)-00137



PHOTO NO.: 82

Location: Span 18,
Floorbeam 57, North Face,
in Bay 5, Top Flange

Direction: South

Description: There is heavy
corrosion and moderate
laminar corrosion. There is a
2'-0" long x 1" wide area with
1/4" section loss.

Element #: 59.PP 56- PP 57

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-
BCZ472001(S17-S19)-00200



PHOTO NO.: 83

Location: Fourth Median
Support Diaphragm from
Floorbeam 58, Top Flange

Direction: South

Description: There is heavy
corrosion with paint failure
and heavy laminar corrosion.
There is a 2'-6" long x up to
1" wide area of 100% section
loss on the Top Flange

Element #: 59.PP 58- PP 59

Rating #: 5

MDTA Repair: 3
Repair Id: 2023-
BCZ472001(S17-S19)-00240



PHOTO NO.: 84

Location: Span 18, First
Median Support Diaphragm,
from Floorbeam 59

Direction: South

Description: There are three
(3) up to 1 1/2" wide x up to
1/2" high holes in the web
with an associated 2 3/8"
long horizontal crack. There
is intermittent knife edging in
the top flange.

Element #: 59.PP 59- PP 60

Rating #: 7

MDTA Repair: 3
Repair Id: 2023-
BCZ472001(S17-S19)-00389



PHOTO NO.: 85

Location: Span 18, Ninth
Median Support Diaphragm
from Floorbeam 60, Top and
Bottom Flanges

Direction: North

Description: There is heavy
corrosion, knife edging and
areas up to full-width of full-
length up to 100% section
loss. There is a 3'-3" long x
3" to 8" high area of 100%
section loss in the web
adjacent to the east side of
the parapet bulkhead plate in
the top flange.

Element #: 59.PP 60- PP 61

Rating #: 5

MDTA Repair: 2
Repair Id: 2019-
BCZ472001(S17-S19)-00047





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 86

Location: Span 18, PP61
Joint, Southbound Right
Shoulder

Direction: East

Description: There is moderate cracking and tears of the joint seal at the roadway causing minor leakage at random locations to the elements below and corrosion to the open joint below deck.

Element #: 59.PP 60- PP 61

Rating #: 5

MDTA Repair: 2
Repair Id: 2013-
BCZ472001(S17-S19)-00138



PHOTO NO.: 87

Location: Pier 18, Northwest
Column, Southwest Corner,
at the top

Direction: East

Description: There is a 1'-2" wide x 3'-0" high x 2" deep spall with exposed corroded reinforcement.

Element #: 60.04 - Columns

Rating #: 6

MDTA Repair: 2
Repair Id: 2021-
BCZ472001(S17-S19)-00020





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 88

Location: Pier 18, Northwest Column, Southwest Corner, at the top

Direction: Northeast

Description: There is a 1'-0" wide x 4'-0" high x 2" deep spall with exposed corroded reinforcement and an adjacent 1'-0" wide x 1'-0" high x up to 1" deep spall on the south face.

Element #: 60.04 - Columns

Rating #: 6

MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00021



PHOTO NO.: 89

Location: Pier 18, Northwest Column, South Face, 37'-0" from the base, west end

Direction:

Description: There is a 2'-0" wide x 2'-0" high area of delamination. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT. Concrete repair patch exhibits moderate efflorescence along the west edge.

Element #: 60.04 - Columns

Rating #: 6

MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00151





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 90

Location: Pier 18, Northeast Column, Southeast Corner, 5'-0" from the intersection of the columns

Direction: North

Description: There is a 1'-8" wide x 4'-0" high x 2" deep spall with exposed and corroded reinforcement with an associated up to 2'-3" wide x 9'-6" high area of delamination above.

Element #: 60.04 - Columns

Rating #: 6

MDTA Repair: 2
Repair Id: 2021-BCZ472001(S17-S19)-00168



PHOTO NO.: 91

Location: Pier 18, Northwest Dolphin, bottom bumpers

Direction: North

Description: The eyebars are heavily corroded and have approximately 25% section loss across the diameter. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.

Element #: 60.25 - Fender System

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00317





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 92

Location: Pier 18, Northwest Dolphin, West Face, at the bottom anchorage

Direction: East

Description: There is a 3'-0" wide x 4'-0" high x 3" deep spall with exposed and corroded reinforcement. Spall has previously been epoxy coated but corrosion has reinitiated.

Element #: 60.25 - Fender System

Rating #: 6

MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00252



PHOTO NO.: 93

Location: Pier 18, south side of base

Direction: East

Description: There is a disconnected cord on fog horn. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.

Element #: 60.Utilities

Rating #: 7

MDTA Repair: 3
Repair Id: 2013-BCZ472001(S17-S19)-00180





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 94

Location: Span 19, West Fascia, Between PP72 and PP73

Direction: Southeast

Description: There is a 3'-6" long x 1'-0" wide delamination with an associated 1/8" wide horizontal crack on the vertical face.

Element #: 58.03 - Fascias

Rating #: 5

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00121



PHOTO NO.: 95

Location: Span 19, West Parapet, East and Top Face, at PP68

Direction: West

Description: There is a full-height x 2'-0" long x full-width delamination with 1/16" wide cracking.

Element #: 58.04 - Railings & Parapets

Rating #: 5

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00080





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 96

Location: Span 19, West Parapet, East Face, just south of PP71, at the base

Direction: West

Description: There is a 3'-4" long x 10" high area of delamination with an associated 1'-2" long x 6" high x 2" deep spall with exposed and corroded reinforcement. There are two (2) 1'-6" diameter delaminated areas at the top of the parapet at this location.

Element #: 58.04 - Railings & Parapets

Rating #: 5

MDTA Repair: 2
Repair Id: 2019-BCZ472001(S17-S19)-00017



PHOTO NO.: 97

Location: Span 19, East Parapet, East Face, midway between PP67 and PP68

Direction: West

Description: There is a 2'-8" high x 1'-0" wide x 5" deep spall with exposed corroded steel reinforcement and embedded wood.

Element #: 58.04 - Railings & Parapets

Rating #: 5

MDTA Repair: 3
Repair Id: 2013-BCZ472001(S17-S19)-00197





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 98

Location: Span 19, East Parapet, West Face, between PP84 and PP85, above the south scupper

Direction: East

Description: There is a 4'-0" wide x 9" high x 1" deep scale/spall in a previous patch.

Element #: 58.04 - Railings & Parapets

Rating #: 5

MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00095



PHOTO NO.: 99

Location: Span 19, Median, East Face, 15'-0" north of PP75

Direction: West

Description: There is a 1'-4" long x 1'-0" high x 2" deep spall with exposed corroded steel reinforcement.

Element #: 58.06 - Median

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00043





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 100
Location: Span 19, East Truss, Bottom Chord, at L65
Direction: East
Description: There is ponding water between the gusset plates.
Element #: 59.PP 65- PP 66
Rating #: 6
MDTA Repair: 3
Repair Id: 2013-BCZ472001(S17-S19)-00171



PHOTO NO.: 101
Location: Span 19, East Truss, U67-M68, Top Handhole at U67
Direction: North
Description: There is minor debris accumulation at the diaphragm with evidence of ponding water and corrosion bleeding from the hole. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.
Element #: 59.PP 67- PP 68
Rating #: 6
MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00498





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 102

Location: Span 19, PP69
Compression Joint Seal,
Southbound Lanes

Direction: East

Description: The joint seal is missing throughout the southbound left lane. The remaining portions typically have cracking of the rubber joint seal at the roadway causing leakage to the elements below and corrosion to the open joint below deck.

Element #: 59.PP 68- PP 69

Rating #: 5

MDTA Repair: 2
Repair Id: 2019-
BCZ472001(S17-S19)-00020



PHOTO NO.: 103

Location: Span 19, Lower
Lateral Brace, connection to
the West Truss, at L69

Direction: West

Description: There are two (2) nuts that are not fully seated on the connection plate, with up to 1/2" gap.

Element #: 59.PP 68- PP 69

Rating #: 6

MDTA Repair: 3
Repair Id: 2021-
BCZ472001(S17-S19)-00121





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 104

Location: Span 19, West Truss, L71-M72, West Flange, East Face, at the gusset plate connection

Direction: South

Description: There is 6" long x 4" high minor paint failure and surface corrosion.

Element #: 59.PP 71- PP 72

Rating #: 6

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00107



PHOTO NO.: 105

Location: Span 19, Floorbeam 73, connection to the West Truss, Top Flange connection plate, North Side

Direction: Southwest

Description: There is a deformation at the Tee connection and the top flange, bending the top flange of the floorbeam down 3/8" for a 4" length. Previously noted pack rust was not observed in FY 2023 Inspection. Repair status changed to CLOSE-CONSULTANT.

Element #: 59.PP 72- PP 73

Rating #: 5

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00435





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 106

Location: Span 19,
Floorbeam 73, West Truss
Connection, Bottom Flange
Tee Connection, South Edge

Direction: Northwest

Description: There is a 9"
long x 1" high area of
moderate corrosion with
delamination.

Element #: 59.PP 72- PP 73

Rating #: 5

MDTA Repair: 3
Repair Id: 2023-
BCZ472001(S17-S19)-00109



PHOTO NO.: 107

Location: Span 19, Lower
Lateral Brace, Center
Connection at Floorbeam 74

Direction: Southeast

Description: There are 1 1/2"
long tack welds between the
lateral bracing bottom flange
and the fill plates. Tack welds
in this location are typical.

Element #: 59.PP 74- PP 75

Rating #: 6

MDTA Repair:
Repair Id:





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 108

Location: Span 19, Lower Lateral Brace, connection to the West Truss, at L80, Bottom Flange

Direction: North

Description: There are two (2) areas of failing paint with active surface corrosion. (10" x 3/4" and 2" x 3/4").

Element #: 59.PP 79- PP 80

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00286



PHOTO NO.: 109

Location: Span 19, West Truss, Top Chord, U81-U83, at U81, Interior

Direction: West

Description: There is minor freckled corrosion on all faces for the end 4'-0".

Element #: 59.PP 81- PP 82

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00387





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 110

Location: Span 19, PP83, First Sway Brace from roadway, 4'-8" from the West Truss

Direction: Southeast

Description: The north flange of the horizontal strut is bent vertically out of plane in relation to the south flange by up to 2" over a 4'-6" length, beginning 4'-8" from the West Truss connection. There is a 1/2" high x 1/2" wide x 1/4" deep gouge along the bottom edge of the north flange at this location. There is minor flaking paint in the vicinity of the gouge.

Element #: 59.PP 82- PP 83

Rating #: 7

MDTA Repair:
Repair Id:



PHOTO NO.: 111

Location: Span 19, Lower Lateral Brace, connection to the East Truss, at L83, top connection plate

Direction: East

Description: There is one (1) unseated nut and one missing nut in the connection to the floorbeam longitudinal stiffener.

Element #: 59.PP 82- PP 83

Rating #: 6

MDTA Repair: 3
Repair Id: 2023-BCZ472001(S17-S19)-00407



PHOTO NO.: 112

Location: Span 19, West Truss, at L85, Inboard Gusset Plate, West Face

Direction: East

Description: There is paint failure for approximately 90% of the area.

Element #: 59.PP 84- PP 85

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00296



PHOTO NO.: 113

Location: Span 19, East Truss, Bottom Chord, L85-L86, Field Splice, Bottom Plate

Direction: East

Description: The east and west edges of the splice plate are pried down up to 2" due to pack rust, minor surface corrosion is reactivating on the ends of plate along all four sides. There is also a 2" wide band of up to 3/16" painted over section loss adjacent to the splice on the east and west sides.

Element #: 59.PP 85- PP 86

Rating #: 6

MDTA Repair: 3
Repair Id: 2021-BCZ472001(S17-S19)-00229





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 114
Location: Span 19,
Floorbeam 87, North Face,
Top Flange, under Stringer 1
Direction: South
Description: There is a 1'-5"
long area of failing paint with
active surface corrosion
extending west.
Element #: 59.PP 86- PP 87
Rating #: 6
MDTA Repair: 3
Repair Id: 2019-
BCZ472001(S17-S19)-00525



PHOTO NO.: 115
Location: Top face,
Southeast corner of Cap near
East Truss Bearing
Direction: North
Description: There is a 3'-0"
long x 1'-0" wide x 1'-0" high
corner spall with exposed
corroded reinforcement. FY
2023 Inspection: This defect
was still observed. Repair
status changed from CLOSE-
MDTA to OPEN.
Element #: 60.03 -
Capbeam/Top of Pier
Rating #: 6
MDTA Repair: 3
Repair Id: 2015-
BCZ472001(S17-S19)-00025





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 116

Location: Pier 19, West Column, North Face, 15'-0" above the bottom chamfer, near the east edge -

Direction: West

Description: There is a 2'-0" high x 3'-0" wide hollow area.
FY 2023 Inspection: This defect has been repaired.
Repair status changed to CLOSE-CONSULTANT.

Element #: 60.04 - Columns

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00087



PHOTO NO.: 117

Location: Pier 19, West Column, South Face, just above the upper strut

Direction: North

Description: There is a 3'-0" wide x 4'-0" high area of delamination. FY 2023 Inspection: This defect has been repaired. Repair status changed to CLOSE-CONSULTANT.

Element #: 60.04 - Columns

Rating #: 6

MDTA Repair: 3
Repair Id: 2019-BCZ472001(S17-S19)-00077





MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

IS 695 OVER PATAPSCO RIVER

PHOTO NO.: 118

Location: Pier 19, West Column, Southwest Corner, 2'-0" below the cap

Direction: Northeast

Description: There is a 2'-0" wide x 2'-6" high x up to 2 1/2" deep spall with exposed reinforcement and an adjacent 1'-4" wide x 1'-7" high area of delamination.

Element #: 60.04 - Columns

Rating #: 6

MDTA Repair: 2
Repair Id: 2015-BCZ472001(S17-S19)-00026





MARYLAND TRANSPORTATION AUTHORITY

BIN: **BCZ472001(S17-S19)**

Date: **01/09/2023**

INSPECTION DOCUMENTS



MARYLAND TRANSPORTATION AUTHORITY

BIN: BCZ472001(S17-S19)

Date: 01/09/2023

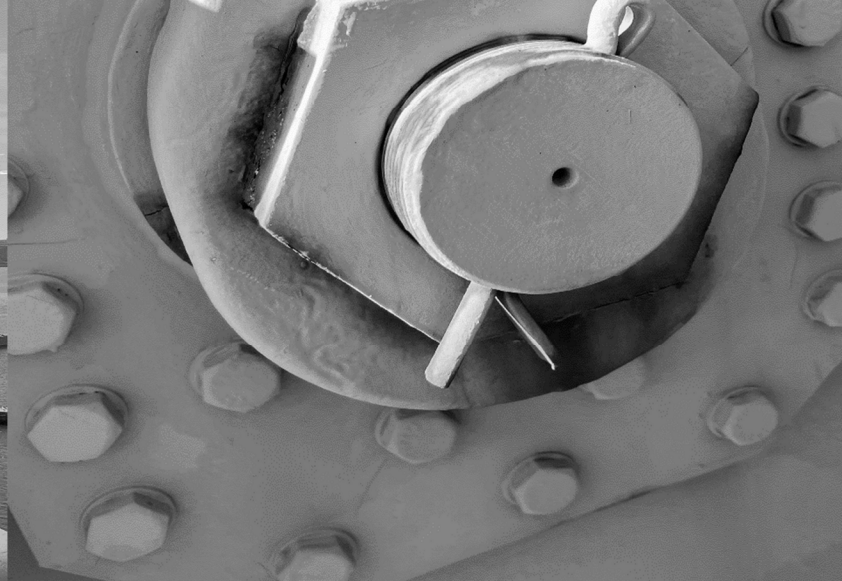
IS 695 OVER PATAPSCO RIVER

6. Inspection Documents

- a. Vertical Clearance Measurements
- b. Sounding Current Data (if applicable)
- c. Sounding Base-year Data
- d. Channel Profiles (if applicable)
- e. NDT Schedules
- f. Monitoring Data
- g. Test Results
- h. Miscellaneous Sketches
- i. Other

FRANCIS SCOTT KEY BRIDGE HANGER PINS

ULTRASONIC TESTING REPORT



SUBMITTED TO:

Siva Venugopalan – Siva Corrosion Services, Inc.
13 Wilmington Pike, Suite 2B
West Chester, PA 19382

SUBMITTED BY:

Shane Boone – BDI
740 S Pierce Ave., Suite 15,
Louisville, CO 80027

BDI Project No.: 2209018-MD

Report Version: V2

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Version Submitted: April 14, 2023



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EXECUTIVE SUMMARY

Bridge Diagnostics, Inc. (BDI) was contracted as a subconsultant by Siva Corrosion Services, Inc. via Maryland Transportation Authority (MDTA) to perform Ultrasonic Testing (UT) on 32 suspension cable pins and 1 wind shear pin on the Francis Scott Key Bridge. The structure carries I-695 (Baltimore Beltway) over the Patapsco River.

The focus of this project was on the hanger pins on the suspension cables in Span 18 and the wind shear pin at panel point 61 in Span 18 per the direction of Whitney Bailey Cox and Magnani (WBCM). After the pins were visually inspected, the pin surfaces were ground to bare metal to ensure suitable UT testing surfaces. Upon completion of the testing, the pin faces were sprayed with a cold galvanizing compound to prevent corrosion to the pin face.

This report discusses the techniques and analyses utilized to determine the structural integrity of steel pins. Typical photos along with testing results and field notes are provided in the Appendix. A total of six indications consistent with wear grooving were found in 5 of the 33 pins tested: L34, L45, L53, L57 (at two locations), and B37.

STRUCTURE DESCRIPTION

The Francis Scott Key Bridge (Key Bridge) is located in Dundalk, MD and carries I-695 (Baltimore Beltway) over the Patapsco River (Figure 1). Its superstructure is broken up into two segments: the approach girder spans and the truss spans (Spans 17-19). The pins of interest for the scope of the project are in the center truss (Span 18) carrying I-695 over the main channel. The structure is labeled incrementally from Abutment 1 (South Abutment, on the Hawkins Point side) to Abutment 2 (North Abutment, on the Dundalk side) and superstructure elements are labeled from left to right looking station ahead (north).

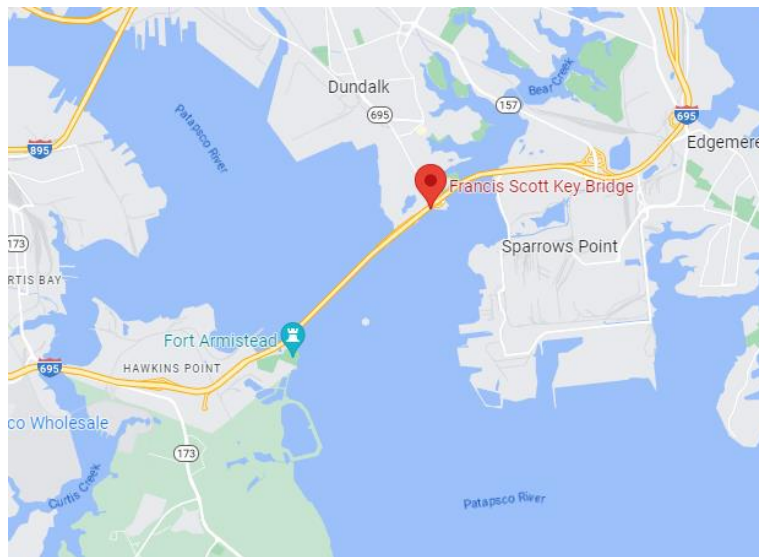


Figure 1: Aerial view of Francis Scott Key Bridge Location (39.221505, -76.522519)

NONDESTRUCTIVE EVALUATION CAPABILITIES AND LIMITATIONS

The accuracy of the results from ultrasonic, electromagnetic and electrochemical measurements is highly dependent on several factors. Structural and material conditions, moisture and/or chloride levels, unknown deterioration, and unknown conditions such as splices or other structures can adversely affect the propagation of these waves through, and within, elastic media. The propagation and attenuation of these waves may cause inaccurate or imprecise measurements. BDI cannot guarantee any subsurface measurements without physical validation and assumes no liability for any assumptions made with inferred dimensions or structural condition resulting from reported NDE data.

THEORY AND METHODOLOGY

This section describes the pertinent knowledge, theory and application of the tools and methods used during this field investigation.

ULTRASONIC TESTING (UT)

BDI inspectors performed UT via snooper and boom lift access on the Key Bridge pins. Before testing measurements were collected, the surfaces of the pins were cleaned with angle grinders and paint scrapers, if necessary, and before applying an ultrasonic couplant. Pins were labeled with east or west truss, pin number, and north or south face.

Pins were numbered to match the plan orientation and callouts. The probe location was across the face of each pin to scan for indications across the entire face of each end. A final screenshot showing pin condition, length and testing parameters was saved for all accessible pin faces. Figure 2 presents an A-scan taken from the headed end of a typical hanger pin and calls out reflections from the nut stepdown, cotter pin hole, and threaded end alongside a photo of the prepped pin end. Figure 3 presents an A-scan taken from the threaded end of a typical hanger pin and calls out the reflection from the headed end alongside a photo of the prepped pin end. For each test, the probe was mounted with acoustic coupling gel in a static position and data was taken and stored. The data file was saved using a nomenclature to identify the specific pin being tested. The nomenclature follows the convention, *Key Bridge (KB)_East/West Truss_Pin Number_North/South Face*.

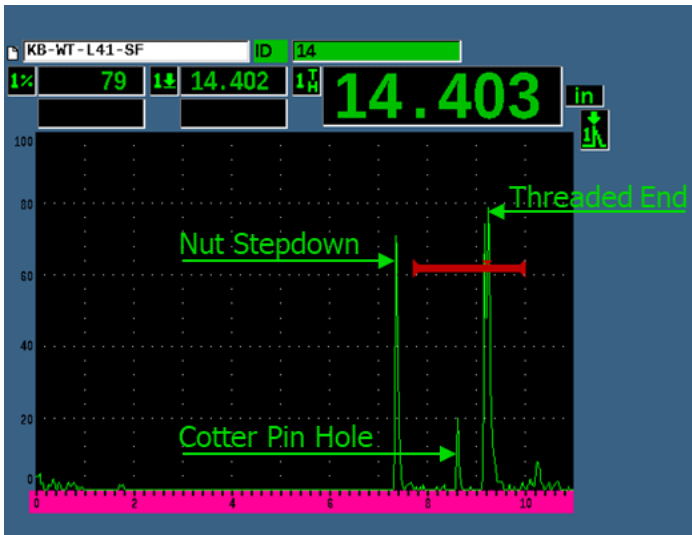


Figure 2: Photo and UT scan showing the nut stepdown, cotter pin hole, and threaded end pin backwall of West Truss, L41, South Face Pin (Taken from headed end)

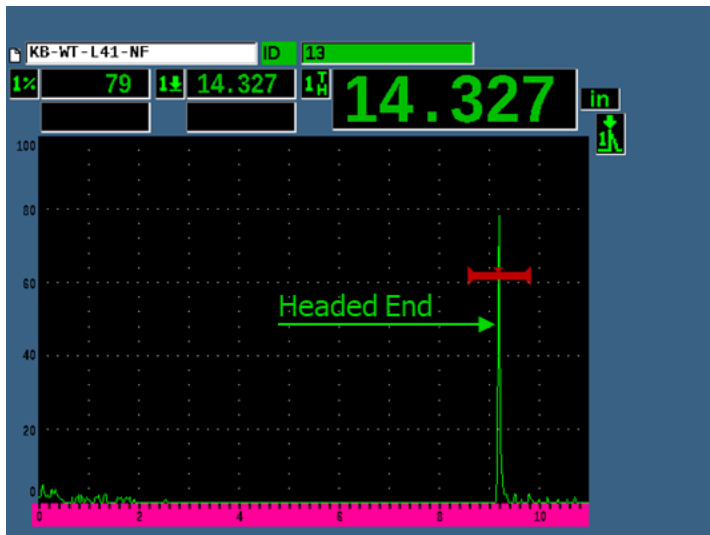


Figure 3: Photo and UT scan showing the headed end pin backwall of West Truss, L41, North Face Pin (Taken from threaded end)

FIELD INVESTIGATION SUMMARY

From March 6th to March 9th, BDI performed UT on 32 steel suspension cable pins and 1 steel wind shear pin on the Key Bridge to assist MDTA in determining the structural integrity of each bridge pin and to note defects on the visible portions of the pin along with record UT data. All physically accessible pin faces scheduled to be inspected in the 2023 inspection cycle were tested. The west truss pins L33 and B33 test locations were moved to L34 and B34 respectively to avoid interference with the WBCM inspection team. As part of this inspection, the following activities were performed:

- + Accessing the pins at the top of suspension cables was obtained via 80-foot man lift.
- + Accessing the pins on the bottom of the suspension cables and wind shear pin was obtained via A62 snooper.
- + Surface prep of the pin faces utilizing battery powered angle grinder.
- + Performing UT testing on all accessible faces of the pins.
- + Sketching and marking any potential indications or defects in pins on field notes to present to the client.
- + Spraying cold galvanizing compound on the pin faces to prevent corrosion.
- + Recording condition, photos, UT file parameters on field notes for each testing location.
- + On-site coordination and logistics with snooper subcontractor (All Access Rigging) and WBCM Engineering inspection teams.

The following equipment and parameters were utilized during the UT scanning of the selected pins:

- + Instrument: Olympus Epoch 650
- + Testing Procedure: BDI-UT-AB-001 (See Appendix F)
- + Transducer Frequency/Size: 2.25 Mhz/0.5" Diameter

ACCESS AND SAFETY

The underside of the bridge and bottom suspension cable pins were accessed with a 62-foot Aspen Arial Snooper truck. The upper suspension cable pins were accessed with an 80-foot man lift. Traffic control was provided by Sunrise Safety Services with 2 days of Inner Loop (Westbound) and 2 days of Outer Loop (Eastbound) single lane closures. Proper PPE and fall protection were always utilized.

ULTRASONIC TESTING

To test the pins, a battery powered angle grinder was used with a flap disk attachment to remove existing paint, corrosion, and debris. The pin assembly conditions were recorded in the field notes. Ultrasonic couplant was applied to the pin surface, and the entire pin face was scanned for defects (Figure 4). Once the pin face was completely scanned, a screenshot of the location was saved showing the pin backwall and probe parameters. Cold galvanized spray was applied to protect the pin face (Figure 5) after testing was completed.

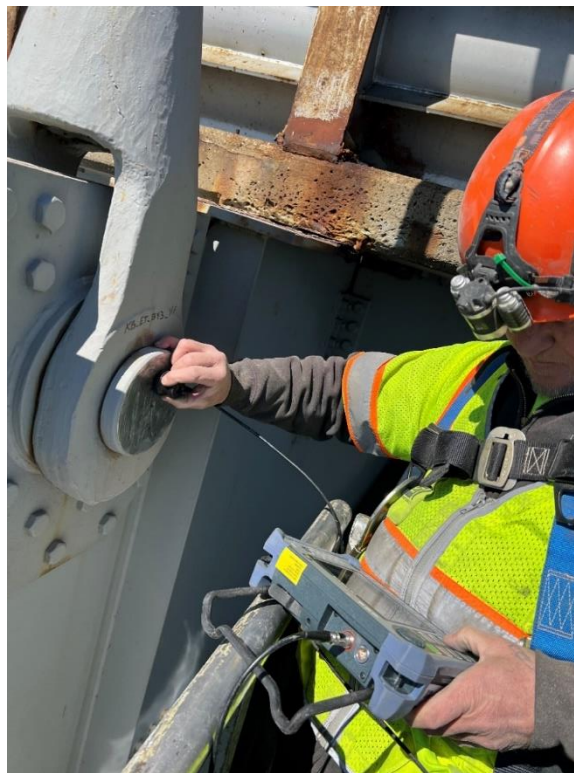


Figure 4: Field team applying couplant and performing UT on uncovered pin face.



Figure 5: Pin face sprayed with cold galvanizing compound at Span 18, East Truss, B39, South Face (others similar)

INSPECTION ANALYSIS AND RESULTS

The UT field data was analyzed to determine the pin lengths and identify any indication, if present. A total of 6 indications on 5 pins were identified as presented in Table 1. These indications are consistent with wear grooving at intermediate members of the hanger and chord assembly. A full summary of testing locations, pin types, and inspection results are provided in Appendices A – D.

Table 1: Summary of Indications

Span	Truss (East/West)	Pin Number	Pin Face(S/N)	Indication Depth (")	Screen Height (%)
18	West	L34	S	6.185"	18
18	West	L45	S	4.974"	19
18	West	L53	N	2.591"	36
18	West	L57	S	5.230"	7
18	West	L57	S	5.098"	11
18	West	B37	S	7.607"	17

CONCLUSIONS

The following conclusions were made regarding the Key Bridge Pin UT Investigation:

- + 6 indications were identified. These indications are consistent with wear grooving at intermediate framing members of the hanger and chord assembly. The indications were identified in the following pins: L34, L45, L53, L57 (at two locations), and B37.

REFERENCES

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- + ASTM Standard E114, 2010 "Specification for Ultrasonic Pulse Echo Straight Beam Testing by the Contact Method," ASTM International, West Conshohocken, PA, 2010.
- + ASTM Standard E2375, 2012 "Specification for Ultrasonic Testing of Wrought Products," ASTM International, West Conshohocken, PA, 2012.
- + Moore, M., Phares, B.M., Washer, G.A. (2004). Guidelines for Ultrasonic Inspection of Hanger Pins, FHWA-HRT-04-042, Federal Highway Administration, Washington, D.C., 2004.
- + Lozev, M., Duke, J., Parikh, S., "Enhanced Ultrasonic Inspection of Steel Bridge Pin Components," VTRC 99-R3, Virginia Transportation Research Council, Charlottesville, VA, 1999.

APPENDIX A: PIN INSPECTION PHOTOS



Figure A1: KB-WT-L34-NF



Figure A2: KB-WT-L34-SF



Figure A3: KB-WT-L37-NF



Figure A4: KB-WT-L37-SF



Figure A5: KB-WT-L41-NF



Figure A6: KB-WT-L41-SF

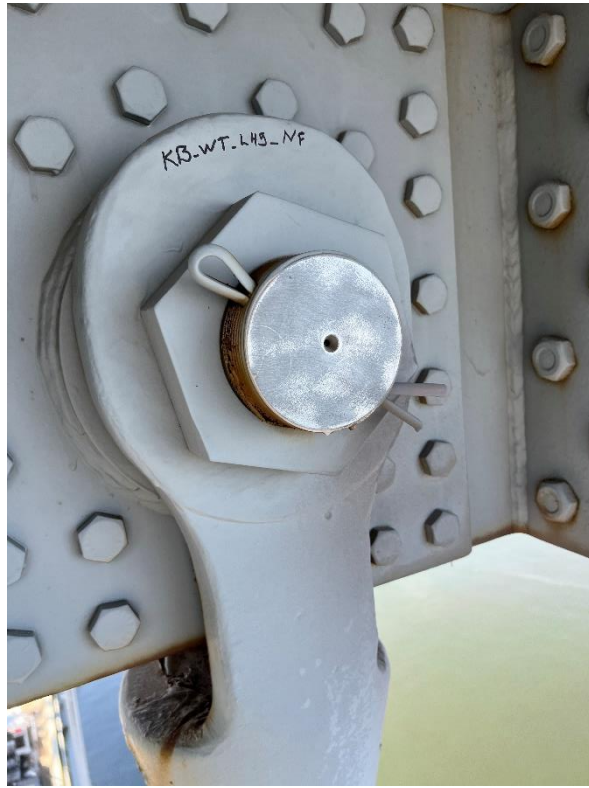


Figure A7: KB-WT-L45-NF



Figure A8: KB-WT-L45-SF



Figure A9: KB-WT-L49-NF



Figure A10: KB-WT-L49-SF



Figure A11: KB-WT-L53-SF



Figure A12: KB-WT-L53-NF



Figure A13: KB-WT-L57-SF



Figure A14: KB-WT-L57-NF



Figure A15: KB-WT-L61-SF



Figure A16: KB-WT-L61-NF



Figure A17: KB-WT-B34-SF



Figure A18: KB-WT-B34-NF



Figure A19: KB-WT-B37-SF



Figure A20: KB-WT-B37-NF



Figure A21: KB-WT-B41-SF



Figure A22: KB-WT-B41-NF



Figure A23: KB-WT-B45-SF



Figure A24: KB-WT-B45-NF



Figure A25: KB-WT-B49-SF

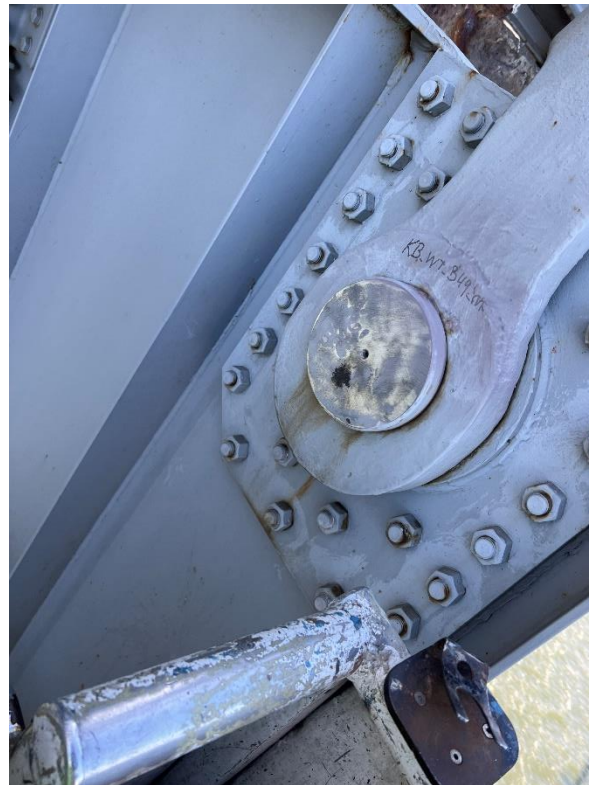


Figure A26: KB-WT-B49-NF



Figure A27: KB-WT-B53-SF



Figure A28: KB-WT-B53-NF



Figure A29: KB-WT-B57-SF



Figure A30: KB-WT-B57-NF



Figure A31: KB-WT-B61-SF



Figure A32: KB-WT-B61-NF



Figure A33: KB-ET-L31-SF



Figure A34: KB-ET-L31-NF



Figure A35: KB-ET-L35-SF



Figure A36: KB-ET-L35-NF



Figure A37: KB-ET-L39-SF



Figure A38: KB-ET-L39-NF



Figure A39: KB-ET-L43-SF



Figure A40: KB-ET-L43-NF



Figure A41: KB-ET-L47-SF



Figure A42: KB-ET-L47-NF



Figure A43: KB-ET-L51-SF



Figure A44: KB-ET-L51-NF



Figure A45: KB-ET-L55-SF



Figure A46: KB-ET-L55-NF



Figure A47: KB-ET-L59-SF



Figure A48: KB-ET-L59-NF



Figure A49: KB-ET-B31-SF



Figure A50: KB-ET-B31-NF



Figure A51: KB-ET-B35-SF



Figure A52: KB-ET-B35-NF



Figure A53: KB-ET-B39-SF



Figure A54: KB-ET-B39-NF



Figure A55: KB-ET-B43-SF



Figure A56: KB-ET-B43-NF



Figure A57: KB-ET-B47-SF



Figure A58: KB-ET-B47-NF



Figure A59: KB-ET-B51-SF



Figure A60: KB-ET-B51-NF



Figure A61: KB-ET-B55-SF



Figure A62: KB-ET-B55-NF



Figure A63: KB-ET-B59-SF



Figure A64: KB-ET-B59-NF



Figure A65: KB-P61-WS (Wind Shear Pin) Bottom Side



Figure A66: KB-P61-WS (Wind Shear Pin) Top Side

APPENDIX B: ULTRASONIC TESTING RESULTS

UT Pin Testing General Notes Sheet

Inspectors: Josh Bird/Daniel Populus

Page: 1 of 17

Project Number: 2209018-MD_TS_Key Bridge Pin NDT

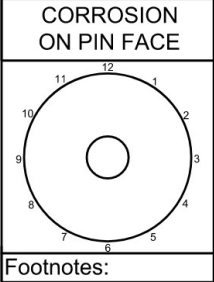
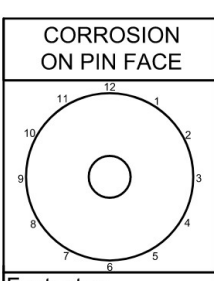
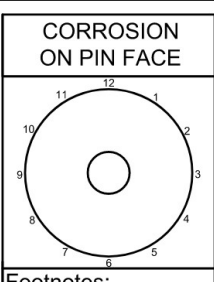
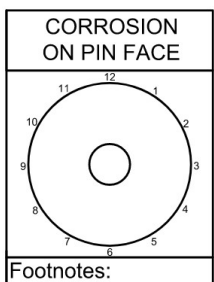


Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

-  Tack Weld
-  Tooling on Pin Face
-  Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: L34 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/6/2023</p>		<p>Backwall Distance ("): 14.381" Reference dB at 80% Backwall Height: 35+10.4 Indication (y/n): N Filename: KB_WT_L34_NF Additional Notes: Moved L33 to L34 so not to interfere with WBCM field crew.</p>
<p>Span: 18 Pin Number: L34 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/6/2023</p>		<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 35+16 Indication (y/n): Y Filename: KB_WT_L34_SF Additional Notes: See Indication Sheet C1 Moved L33 to L34 so not to interfere with WBCM field crew.</p>
<p>Span: 18 Pin Number: L37 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/6/2023</p>		<p>Backwall Distance ("): 14.343" Reference dB at 80% Backwall Height: 35+10 Indication (y/n): N Filename: KB_WT_L37_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L37 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/6/2023</p>		<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 35+10.7 Indication (y/n): N Filename: KB_WT_L37_SF Additional Notes: N/A</p>

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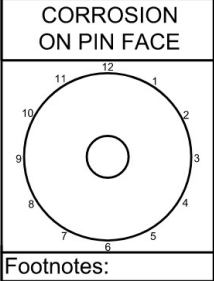
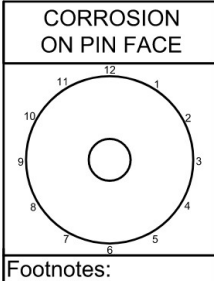
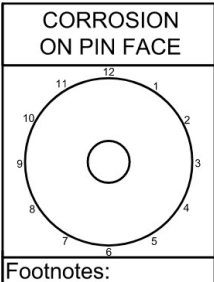
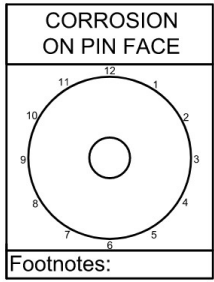
Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: L41 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/6/2023</p>		<p>Backwall Distance ("): 14.327" Reference dB at 80% Backwall Height: 35+11.7 Indication (y/n): N Filename: KB_WT_L41_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L41 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/6/2023</p>		<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 35+11.5 Indication (y/n): N Filename: KB_WT_L41_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L45 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/6/2023</p>		<p>Backwall Distance ("): 14.35" Reference dB at 80% Backwall Height: 35+12.5 Indication (y/n): N Filename: KB_WT_L45_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L45 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/6/2023</p>		<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 35+13.1 Indication (y/n): Y Filename: KB_WT_L45_SF Additional Notes: See Indication Sheet C2</p>

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Inspectors: Josh Bird/Daniel Populus

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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: L49 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/6/2023</p>	<p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 35+12 Indication (y/n): N Filename: KB_WT_L49_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L49 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/6/2023</p>	<p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): 14.342" Reference dB at 80% Backwall Height: 35+9.4 Indication (y/n): N Filename: KB_WT_L49_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L53 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/6/2023</p>	<p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): 14.205" Reference dB at 80% Backwall Height: 35+8.2 Indication (y/n): N Filename: KB_WT_L53_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L53 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/6/2023</p>	<p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 35+15.4 Indication (y/n): Y Filename: KB_WT_L53_NF Additional Notes: See Indication Sheet C3</p>

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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	CORROSION ON PIN FACE	Figure #	Backwall Information
Span: 18 Pin Number: L57 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/6/2023	<p>Footnotes:</p>	A13	Backwall Distance ("): - Reference dB at 80% Backwall Height: 35+15.8 Indication (y/n): Y Filename: KB_WT_L57_SF Additional Notes: -Two indications found -See Indication Sheet C4 and C5
Span: 18 Pin Number: L57 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/6/2023	<p>Footnotes:</p>	A14	Backwall Distance ("): 14.337" Reference dB at 80% Backwall Height: 35+9.1 Indication (y/n): N Filename: KB_WT_L57_NF Additional Notes: N/A
Span: 18 Pin Number: L61 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023	<p>Footnotes:</p>	A15	Backwall Distance ("): 14.258" Reference dB at 80% Backwall Height: 52.1-11.4 Indication (y/n): N Filename: KB_WT_L61_SF Additional Notes:
Span: 18 Pin Number: L61 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023	<p>Footnotes:</p>	A16	Backwall Distance ("): - Reference dB at 80% Backwall Height: 52.1-13.3 Indication (y/n): N Filename: KB_WT_L61_NF Additional Notes: Slight corrosion around pin

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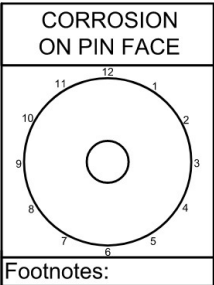
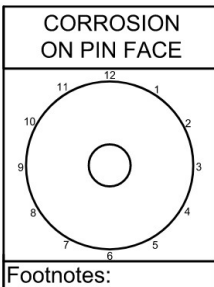
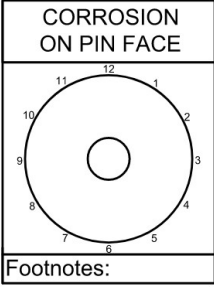
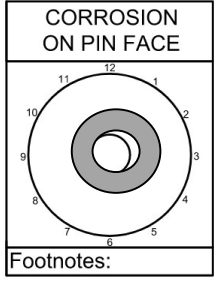
Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: B34 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.141" Reference dB at 80% Backwall Height: 52.1-9.7 Indication (y/n): N Filename: KB_WT_B34_SF Additional Notes: N/A Moved B33 to B34 so not to interfere with WBCM field crew.</p>
<p>Span: 18 Pin Number: B34 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.133" Reference dB at 80% Backwall Height: 52.1+4.1 Indication (y/n): N Filename: KB_WT_B34_NF Additional Notes: N/A Moved B33 to B34 so not to interfere with WBCM field crew.</p>
<p>Span: 18 Pin Number: B37 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 52.1+4 Indication (y/n): Y Filename: KB_WT_B37_SF Additional Notes: See Indication Sheet C6</p>
<p>Span: 18 Pin Number: B37 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.219" Reference dB at 80% Backwall Height: 52.1-12.8 Indication (y/n): N Filename: KB_WT_B37_NF Additional Notes: -Slight staining around center</p>

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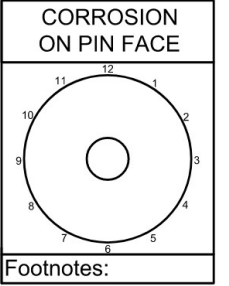
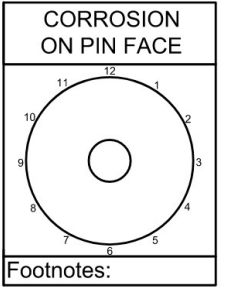
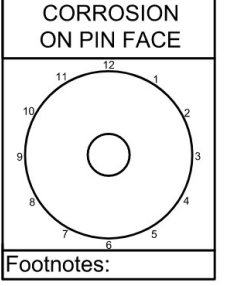
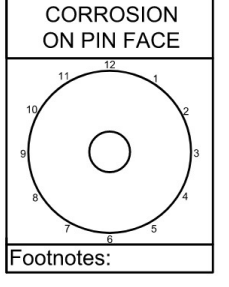
Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: B41 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.207" Reference dB at 80% Backwall Height: 52.1-11.8 Indication (y/n): N Filename: KB_WT_B41_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B41 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.207" Reference dB at 80% Backwall Height: 52.1-9.8 Indication (y/n): Y Filename: KB_WT_B41_NF Additional Notes:</p>
<p>Span: 18 Pin Number: B45 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.198" Reference dB at 80% Backwall Height: 52.1+2.4 Indication (y/n): N Filename: KB_WT_B45_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B45 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.226" Reference dB at 80% Backwall Height: 52.1-11.5 Indication (y/n): N Filename: KB_WT_B45_NF Additional Notes: N/A</p>

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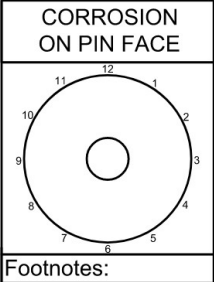
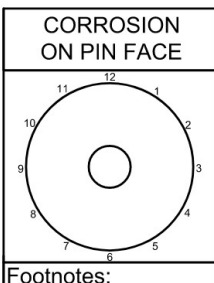
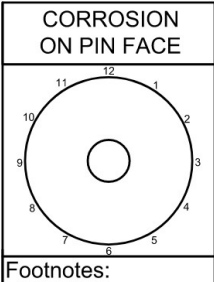
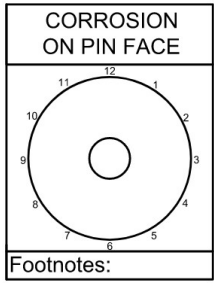
Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: B49 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.093" Reference dB at 80% Backwall Height: 52.1-9.1 Indication (y/n): N Filename: KB_WT_B49_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B49 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.069" Reference dB at 80% Backwall Height: 52.1-3.2 Indication (y/n): N Filename: KB_WT_B49_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B53 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.233" Reference dB at 80% Backwall Height: 52.1+3.7 Indication (y/n): N Filename: KB_WT_B53_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B53 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023</p>		<p>Backwall Distance ("): 14.154" Reference dB at 80% Backwall Height: 52.1-11.7 Indication (y/n): N Filename: KB_WT_B53_NF Additional Notes: N/A</p>

UT Pin Testing General Notes Sheet



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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: B57 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023</p>	<p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): 14.226" Reference dB at 80% Backwall Height: 52.1-7 Indication (y/n): N Filename: KB_WT_B57_SF Additional Notes: - slight corrosion around pin</p>
<p>Span: 18 Pin Number: B57 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023</p>	<p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): 14.207" Reference dB at 80% Backwall Height: 52.1-9.3 Indication (y/n): N Filename: KB_WT_B57_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B61 Truss (E/W): West Pin Face (N/S): South Date Taken: 3/7/2023</p>	<p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): 14.162" Reference dB at 80% Backwall Height: 52.1-8.8 Indication (y/n): N Filename: KB_WT_B61_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B61 Truss (E/W): West Pin Face (N/S): North Date Taken: 3/7/2023</p>	<p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 52.1-4.9 Indication (y/n): N Filename: KB_WT_B61_NF Additional Notes: N/A</p>

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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:	<ul style="list-style-type: none"> Tack Weld Tooling on Pin Face Corrosion
------	----------------------------------------------------------------------------------------------------------------

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: L31 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/8/2023</p>	A33	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 42+18.5 Indication (y/n): N Filename: KB_ET_L31_SF Additional Notes:</p>
<p>Span: 18 Pin Number: L31 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/8/2023</p>	A34	<p>Backwall Distance ("): 13.877" Reference dB at 80% Backwall Height: 42+14.9 Indication (y/n): N Filename: KB_ET_L31_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L35 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/8/2023</p>	A35	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 42-7.8 Indication (y/n): N Filename: KB_ET_L35_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L35 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/8/2023</p>	A36	<p>Backwall Distance ("): 13.920" Reference dB at 80% Backwall Height: 42+4.7 Indication (y/n): N Filename: KB_ET_L35_NF Additional Notes: N/A</p>

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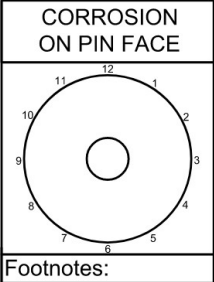
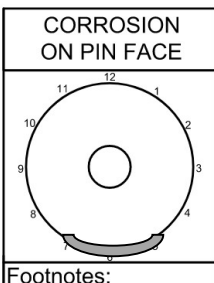
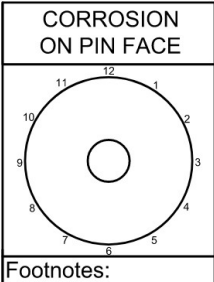
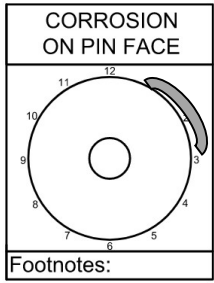
Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: L39 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/8/2023</p>	 <p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 42+4.9 Indication (y/n): N Filename: KB_ET_L39_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L39 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/8/2023</p>	 <p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): 14.008" Reference dB at 80% Backwall Height: 32+3.1 Indication (y/n): N Filename: KB_ET_L39_NF Additional Notes: -Slight corrosion on threads</p>
<p>Span: 18 Pin Number: L43 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/8/2023</p>	 <p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 42+4.1 Indication (y/n): N Filename: KB_ET_L43_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L43 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/8/2023</p>	 <p>CORROSION ON PIN FACE</p> <p>Footnotes:</p>	<p>Backwall Distance ("): 13.790" Reference dB at 80% Backwall Height: 42-3.8 Indication (y/n): N Filename: KB_ET_L43_NF Additional Notes: -Slight corrosion on threads</p>

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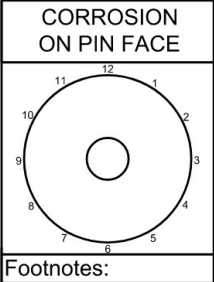
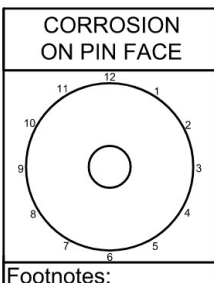
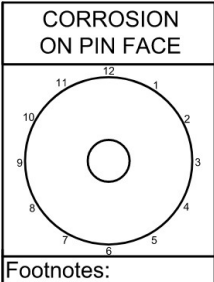
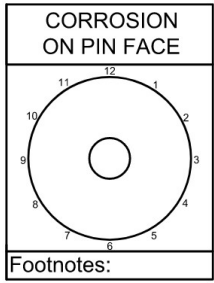
Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: L47 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/8/2023</p>		<p>Backwall Distance ("): 14.032" Reference dB at 80% Backwall Height: 42+7.6 Indication (y/n): N Filename: KB_ET_L47_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L47 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/8/2023</p>		<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 42+2.4 Indication (y/n): N Filename: KB_ET_L47_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L51 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/8/2023</p>		<p>Backwall Distance ("): 14.012" Reference dB at 80% Backwall Height: 42-1.4 Indication (y/n): N Filename: KB_ET_L51_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L51 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/8/2023</p>		<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 42+7 Indication (y/n): N Filename: KB_ET_L51_NF Additional Notes: N/A</p>

UT Pin Testing General Notes Sheet



Inspectors: Josh Bird/Daniel Populus

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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

	Tack Weld
	Tooling on Pin Face
	Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: L55 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/8/2023</p> <p>Footnotes:</p>	A45	<p>Backwall Distance ("): 14.026" Reference dB at 80% Backwall Height: 42+0.4 Indication (y/n): N Filename: KB_ET_L55_SF Additional Notes: -Slight corrosion on threads</p>
<p>Span: 18 Pin Number: L55 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/8/2023</p> <p>Footnotes:</p>	A46	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 42+0.4 Indication (y/n): N Filename: KB_ET_L55_NF Additional Notes: -Slight corrosion on threads</p>
<p>Span: 18 Pin Number: L59 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/8/2023</p> <p>Footnotes:</p>	A47	<p>Backwall Distance ("): 13.933" Reference dB at 80% Backwall Height: 42+6.2 Indication (y/n): N Filename: KB_ET_L59_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: L59 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/8/2023</p> <p>Footnotes:</p>	A48	<p>Backwall Distance ("): - Reference dB at 80% Backwall Height: 42+4.2 Indication (y/n): N Filename: KB_ET_L59_NF Additional Notes: N/A</p>

UT Pin Testing General Notes Sheet



Inspectors: Josh Bird/Daniel Populus

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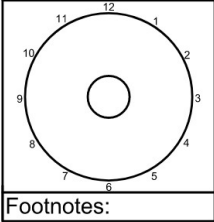
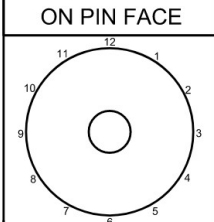
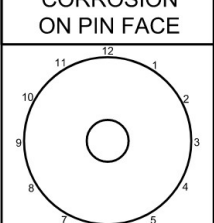
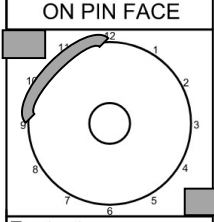
Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: B31 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/9/2023</p>	<p>CORROSION ON PIN FACE</p>  <p>Footnotes:</p>	<p>Backwall Distance ("): 13.687" Reference dB at 80% Backwall Height: 40.8-5.7 Indication (y/n): N Filename: KB_ET_B31_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B31 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/9/2023</p>	<p>CORROSION ON PIN FACE</p>  <p>Footnotes:</p>	<p>Backwall Distance ("): 13.660" Reference dB at 80% Backwall Height: 40.8-3 Indication (y/n): N Filename: KB_ET_B31_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B35 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/9/2023</p>	<p>CORROSION ON PIN FACE</p>  <p>Footnotes:</p>	<p>Backwall Distance ("): 13.689" Reference dB at 80% Backwall Height: 40.8+3.2 Indication (y/n): N Filename: KB_ET_B35_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B35 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/9/2023</p>	<p>CORROSION ON PIN FACE</p>  <p>Footnotes:</p>	<p>Backwall Distance ("): 13.702" Reference dB at 80% Backwall Height: 40.8+0.8 Indication (y/n): N Filename: KB_ET_B35_NF Additional Notes: -Corrosion around pin</p>

UT Pin Testing General Notes Sheet



Inspectors: Josh Bird/Daniel Populus

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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	CORROSION ON PIN FACE	Figure #	Backwall Information
Span: 18 Pin Number: B39 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/9/2023		A53	Backwall Distance (") 13.740" Reference dB at 80% Backwall Height: 40.8+7 Indication (y/n): Y Filename: KB_ET_B39_SF Additional Notes:
Span: 18 Pin Number: B39 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/9/2023		A54	Backwall Distance (") 13.642" Reference dB at 80% Backwall Height: 40.8-1.9 Indication (y/n): N Filename: KB_ET_B39_NF Additional Notes: - Corrosion around pin
Span: 18 Pin Number: B43 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/9/2023		A55	Backwall Distance ("): 13.642" Reference dB at 80% Backwall Height: 40.8-1.9 Indication (y/n): N Filename: KB_ET_B43_SF Additional Notes: N/A
Span: 18 Pin Number: B43 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/9/2023		A56	Backwall Distance ("): 13.673" Reference dB at 80% Backwall Height: 40.8-5.3 Indication (y/n): N Filename: KB_ET_B43_NF Additional Notes: -Slight Corrosion around pin

UT Pin Testing General Notes Sheet



Inspectors: Josh Bird/Daniel Populus

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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: B47 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 13.705" Reference dB at 80% Backwall Height: 40.8-7.6 Indication (y/n): N Filename: KB_ET_B47_SF Additional Notes: -Corrosion on threads</p>
<p>Span: 18 Pin Number: B47 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 13.636" Reference dB at 80% Backwall Height: 40.8-1.5 Indication (y/n): N Filename: KB_ET_B47_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B51 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 13.644" Reference dB at 80% Backwall Height: 40.8-2.2 Indication (y/n): N Filename: KB_ET_B51_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B51 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 13.644" Reference dB at 80% Backwall Height: 40.8-1.6 Indication (y/n): N Filename: KB_ET_B51_NF Additional Notes: -Slight corrosion on threads</p>

UT Pin Testing General Notes Sheet



Inspectors: Josh Bird/Daniel Populus

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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Pin Number: B55 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 13.710" Reference dB at 80% Backwall Height: 40.8+3.4 Indication (y/n): N Filename: KB_ET_B55_SF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B55 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 13.646" Reference dB at 80% Backwall Height: 40.8-3.8 Indication (y/n): N Filename: KB_ET_B55_NF Additional Notes: N/A</p>
<p>Span: 18 Pin Number: B59 Truss (E/W): East Pin Face (N/S): South Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 13.623" Reference dB at 80% Backwall Height: 40.8+4.2 Indication (y/n): N Filename: KB_ET_B59_SF Additional Notes: -Corrosion around pin</p>
<p>Span: 18 Pin Number: B59 Truss (E/W): East Pin Face (N/S): North Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 13.624" Reference dB at 80% Backwall Height: 40.8_1.3 Indication (y/n): N Filename: KB_ET_B59_NF Additional Notes: N/A</p>

UT Pin Testing General Notes Sheet



Inspectors: Josh Bird/Daniel Populus

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Project Number: 2209018-MD_TS_Key Bridge Pin NDT

Notes:

- Bridge is labeled (west and east truss)
- Refer to Appendix E for pin name/nomenclature and additional bridge configuration information
- All pins in the 2023 cycle were inspected. In addition one wind lock location at panel point 61

Key:

- Tack Weld
- Tooling on Pin Face
- Corrosion

Pin Location Information	Figure #	Backwall Information
<p>Span: 18 Panel Point: 61 (Top/Bottom): Bottom Wind Shear Pin Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): 19.718" Reference dB at 80% Backwall Height: 40.8+8 Indication (y/n):N Filename: KB_P61_WS Additional Notes: N/A</p>
<p>Span: 18 Panel Point: 61 (Top/Bottom): Top Wind Shear Pin Date Taken: 3/9/2023</p>		<p>Backwall Distance ("): N/A Reference dB at 80% Backwall Height: N/A Indication (y/n):N/A Filename: N/A Additional Notes: -Cap frozen. No access to pin for testing - Corrosion on cap</p>

APPENDIX C: UT INDICATION NOTES

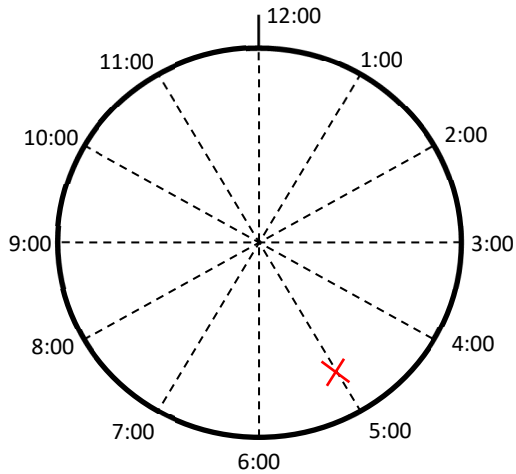


Project Name:	Key Bridge	Page:	C1
Project Number:	2209018-MD	Date:	3/6/2023
Description:	P&H UT Indication Note Sheet		

Pin Location: KB-WT-L34-SF

Scanning Face: South Face

Circumferential Location (Mark Location of Indication)



Indication Notes:

Indication Depth (in): 6.185"

Indication Clock Location: 5:00

Distance from Outer Edge on Clock Line (in) 1.5"

**Draw Location and dimension on sketch to the left*

dB Level at Indication Location for 80% Backwall SH: 35.0 + 16

Data File Name of Backwall at 80%: KB-WT-L34-SF

Indication SH at 80% Backwall Height (if indication \geq 10% SH) : 18%

If Indication SH is Below 10%, new dB Reference Level to bring Indication SH to 10%: N/A

Data File Name at \geq 10% Indication SH: N/A

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Comments:

UT indication screenshot Figure D1

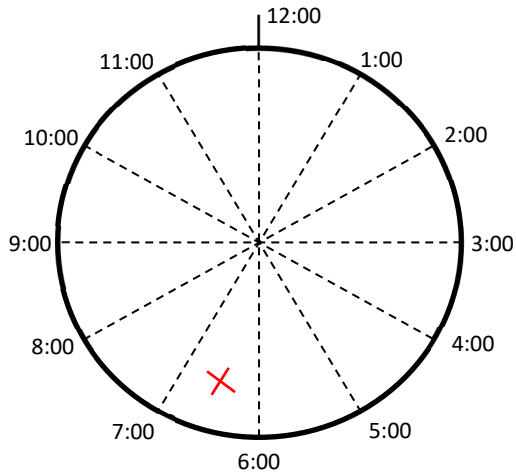


Project Name:	Key Bridge	Page:	C2
Project Number:	2209018-MD	Date:	3/6/2023
Description:	P&H UT Indication Note Sheet		

Pin Location: KB-WT-L45-SF

Scanning Face: South Face

Circumferential Location (Mark Location of Indication)



Indication Notes:

Indication Depth (in): 4.974"

Indication Clock Location: 6:30

Distance from Outer Edge on Clock Line (in) 1.5"

**Draw Location and dimension on sketch to the left*

dB Level at Indication Location for 80% Backwall SH: 35.0 + 18.8

Data File Name of Backwall at 80%: KB-WT-L45-SF

Indication SH at 80% Backwall Height (if indication $\geq 10\%$ SH) : 19%

If Indication SH is Below 10%, new dB Reference Level to bring Indication SH to 10%: N/A

Data File Name at $\geq 10\%$ Indication SH: N/A

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Comments:

UT indication screenshot Figure D2

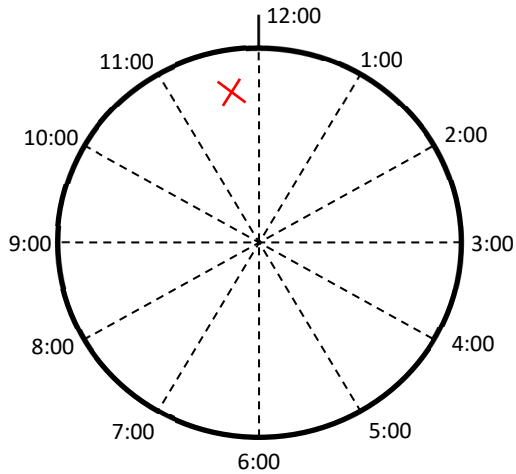


Project Name:	Key Bridge	Page:	C3
Project Number:	2209018-MD	Date:	3/6/2023
Description:	P&H UT Indication Note Sheet		

Pin Location: KB-WT-L53-NF

Scanning Face: North Face

Circumferential Location (Mark Location of Indication)



Indication Notes:

Indication Depth (in): 2.591"

Indication Clock Location: 11:45

Distance from Outer Edge on Clock Line (in) 1.5"

**Draw Location and dimension on sketch to the left*

dB Level at Indication Location for 80% Backwall SH: 35.0 + 15.4

Data File Name of Backwall at 80%: KB-WT-L53-NF

Indication SH at 80% Backwall Height (if indication ≥10% SH) : 36%

If Indication SH is Below 10%, new dB Reference Level to bring Indication SH to 10%: N/A

Data File Name at ≥ 10% Indication SH: N/A

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Comments:

UT indication screenshot Figure D3

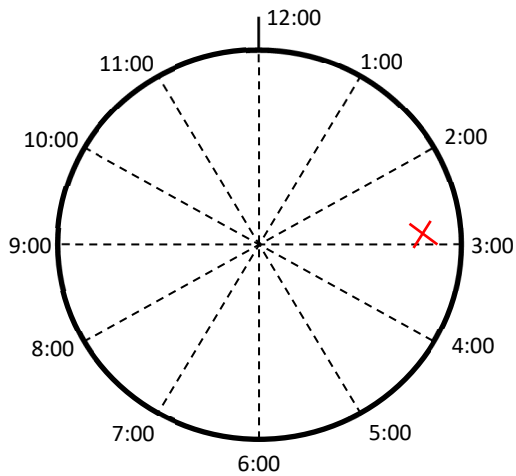


Project Name:	Key Bridge	Page:	C4
Project Number:	2209018-MD	Date:	3/6/2023
Description:	P&H UT Indication Note Sheet		

Pin Location: KB-WT-L57-SF

Scanning Face: South Face

Circumferential Location (Mark Location of Indication)



Indication Notes:

Indication Depth (in): 5.230"

Indication Clock Location: 2:50

Distance from Outer Edge on Clock Line (in) 1.5"

**Draw Location and dimension on sketch to the left*

dB Level at Indication Location for 80% Backwall SH: 35.0 + 18.6

Data File Name of Backwall at 80%: KB-WT-L57-SF (ID 14)

Indication SH at 80% Backwall Height (if indication \geq 10% SH) : 7%

If Indication SH is Below 10%, new dB Reference Level to bring Indication SH to 10%: N/A

Data File Name at \geq 10% Indication SH: N/A

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Comments:

UT indication screenshot Figure D4

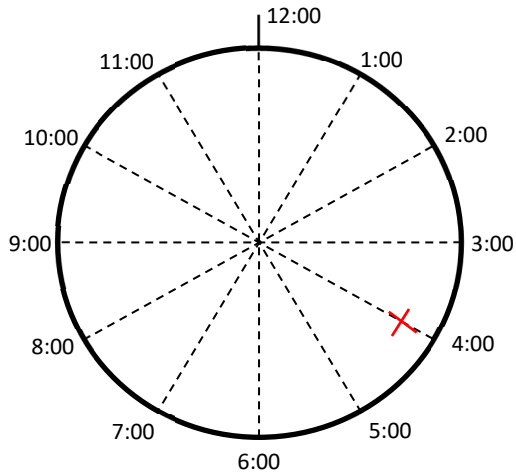


Project Name:	Key Bridge	Page:	C5
Project Number:	2209018-MD	Date:	3/6/2023
Description:	P&H UT Indication Note Sheet		

Pin Location: KB-WT-L57-SF

Scanning Face: South Face

Circumferential Location (Mark Location of Indication)



Indication Notes:

Indication Depth (in): 5.098"

Indication Clock Location: 4:00

Distance from Outer Edge on Clock Line (in) 1.5"

**Draw Location and dimension on sketch to the left*

dB Level at Indication Location for 80% Backwall SH: 35.0 + 18.6

Data File Name of Backwall at 80%: KB-WT-L57-SF (ID 15)

Indication SH at 80% Backwall Height (if indication \geq 10% SH) : 11%

If Indication SH is Below 10%, new dB Reference Level to bring Indication SH to 10%: N/A

Data File Name at \geq 10% Indication SH: N/A

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Comments:

UT indication screenshot Figure D5

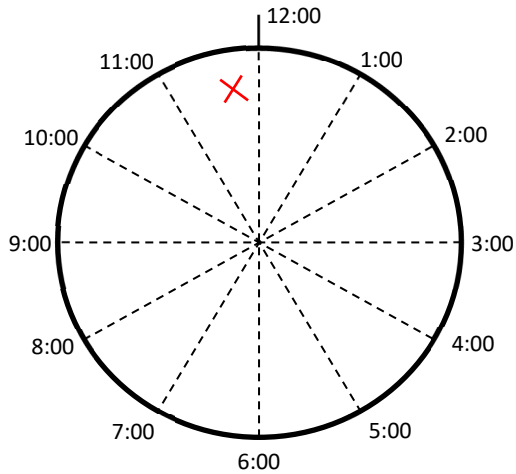


Project Name:	Key Bridge	Page:	C6
Project Number:	2209018-MD	Date:	3/7/2023
Description:	P&H UT Indication Note Sheet		

Pin Location: KB-WT-B37-SF

Scanning Face: South Face

Circumferential Location (Mark Location of Indication)



Indication Notes:

Indication Depth (in): 7.607"

Indication Clock Location: 11:45

Distance from Outer Edge on Clock Line (in) 1.5"

**Draw Location and dimension on sketch to the left*

dB Level at Indication Location for 80% Backwall SH: 52.1 + 4.0

Data File Name of Backwall at 80%: KB-WT-B37-SF

Indication SH at 80% Backwall Height (if indication $\geq 10\%$ SH) : 17%

If Indication SH is Below 10%, new dB Reference Level to bring Indication SH to 10%: N/A

Data File Name at $\geq 10\%$ Indication SH: N/A

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Comments:

UT indication screenshot Figure D6

APPENDIX D: UT INDICATION SCREENSHOTS

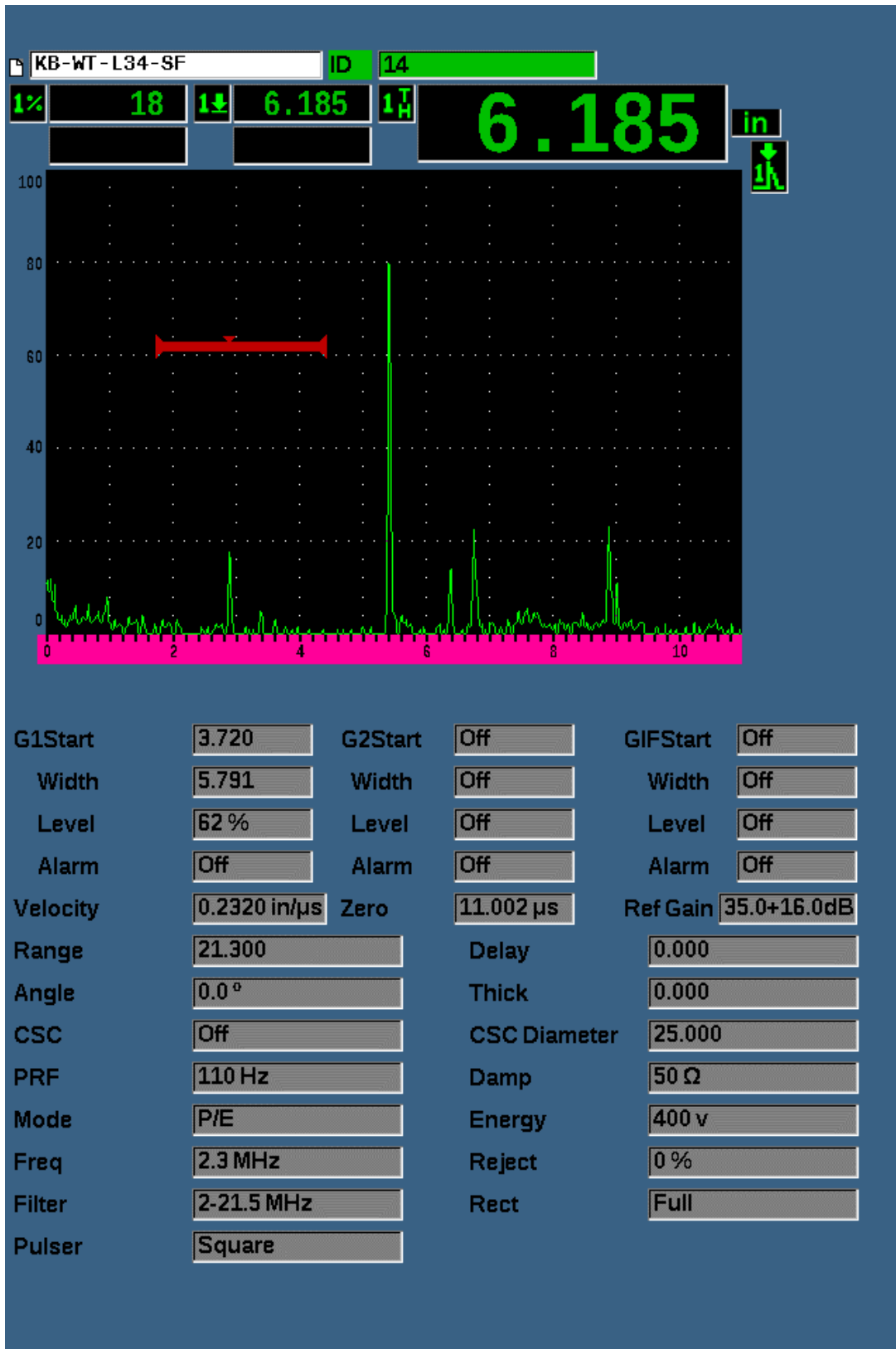


Figure D1: Indication Parameters for KB_WT_L34_SF

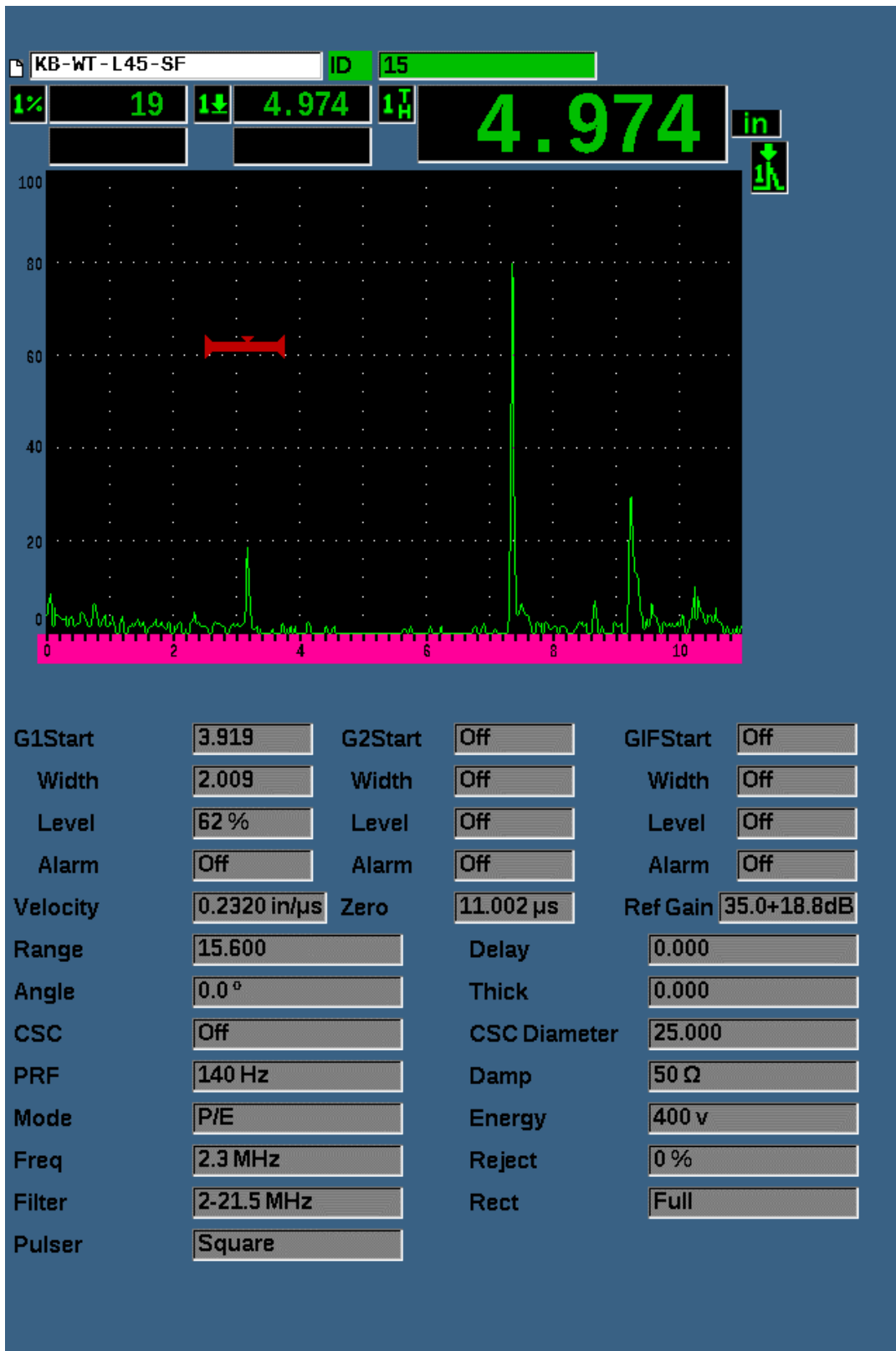


Figure D2: Indication Parameters for KB_WT_L45_SF

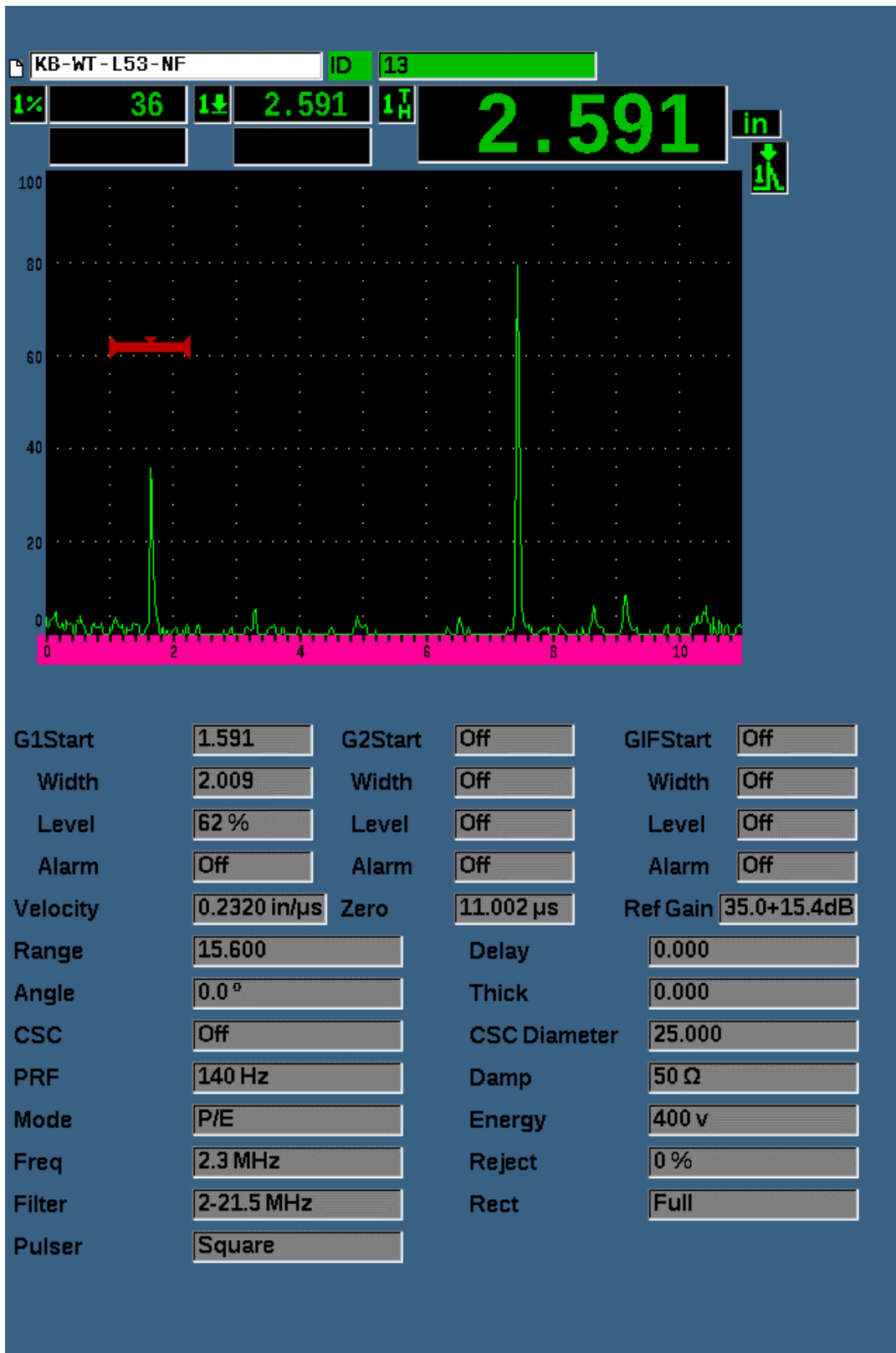


Figure D3: Indication Parameters for KB_WT_L53_NF

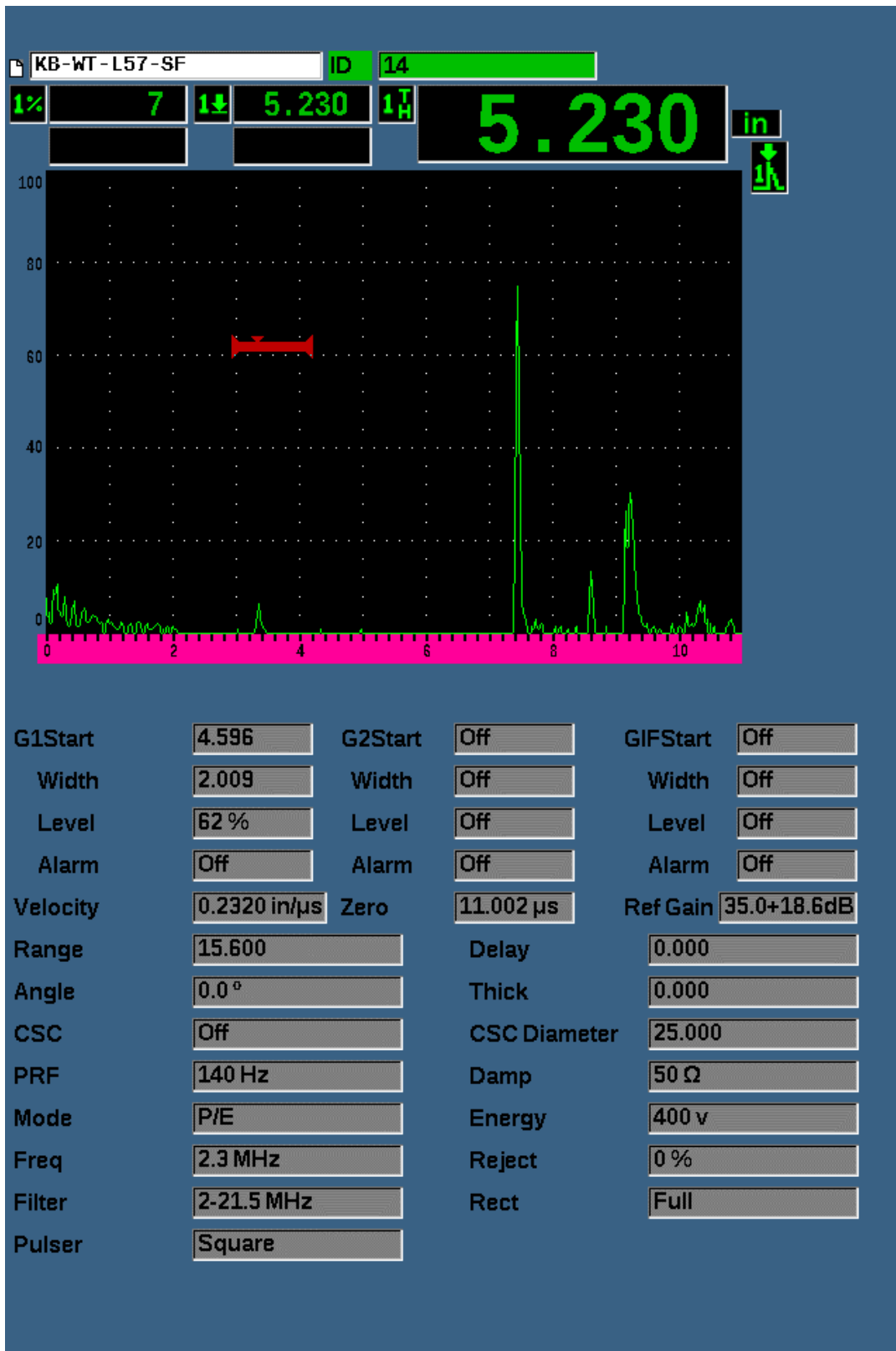


Figure D4: Indication Parameters for KB_WT_L57_SF

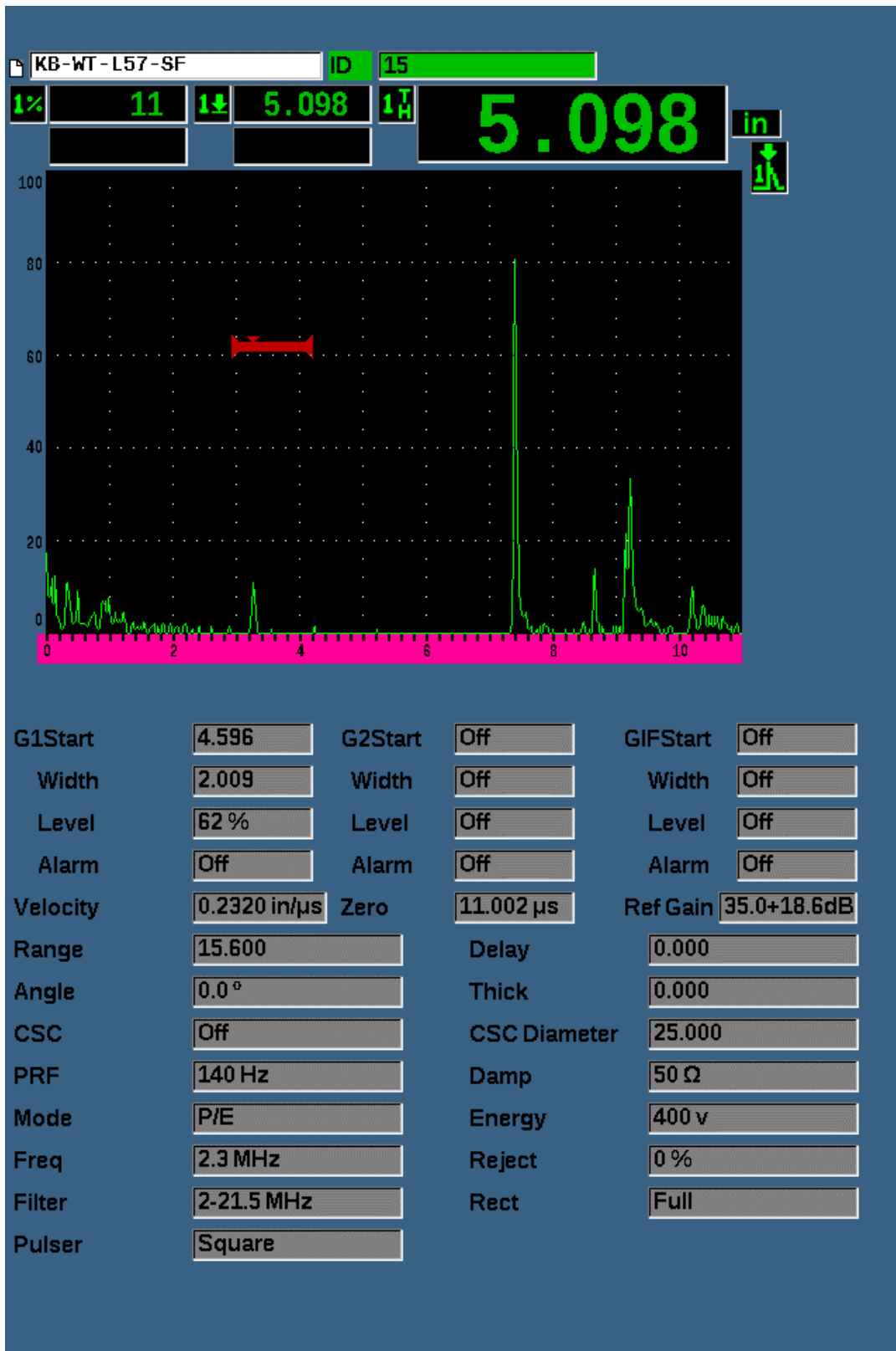


Figure D5: Indication Parameters for KB_WT_L57_SF

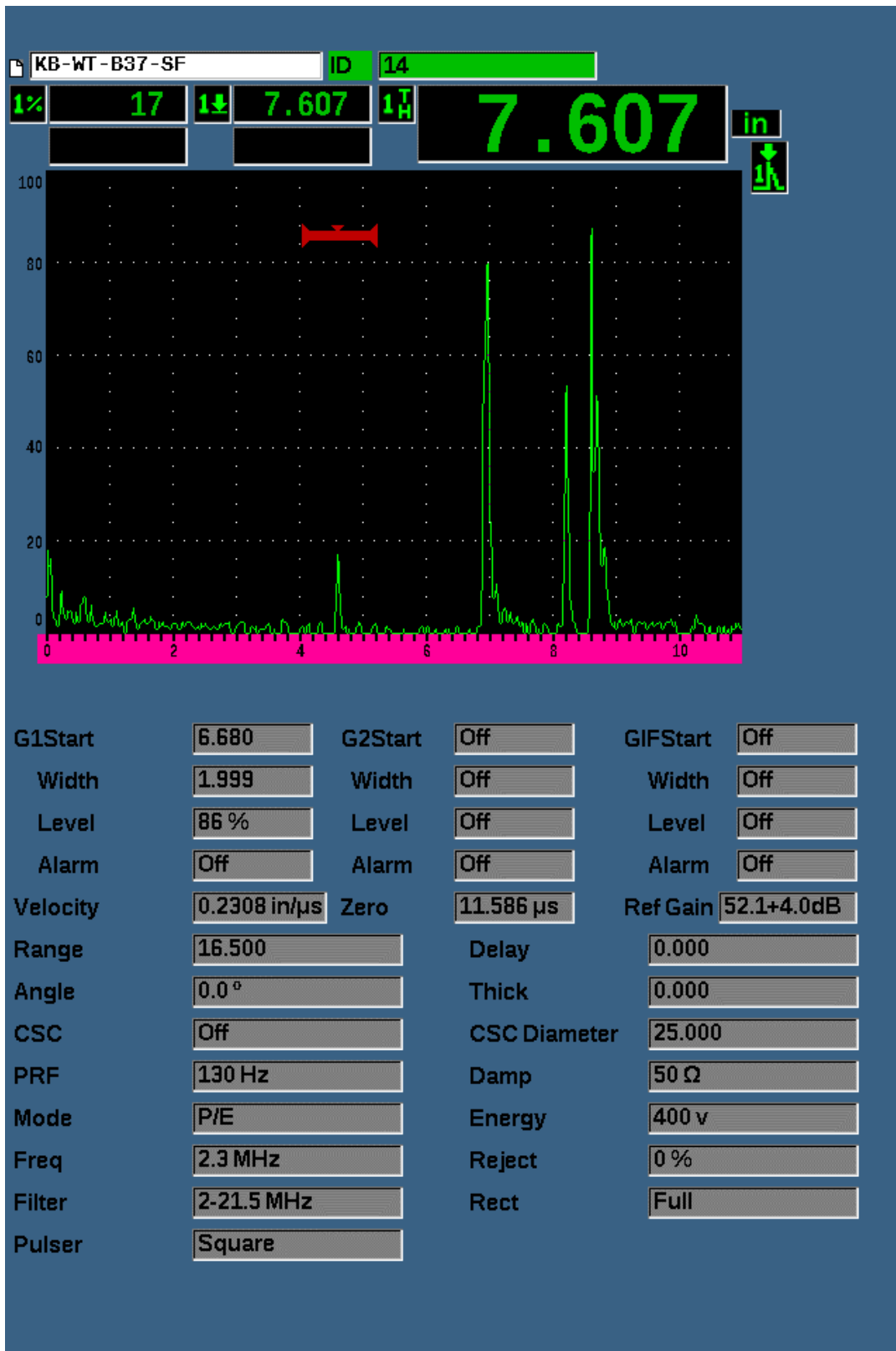
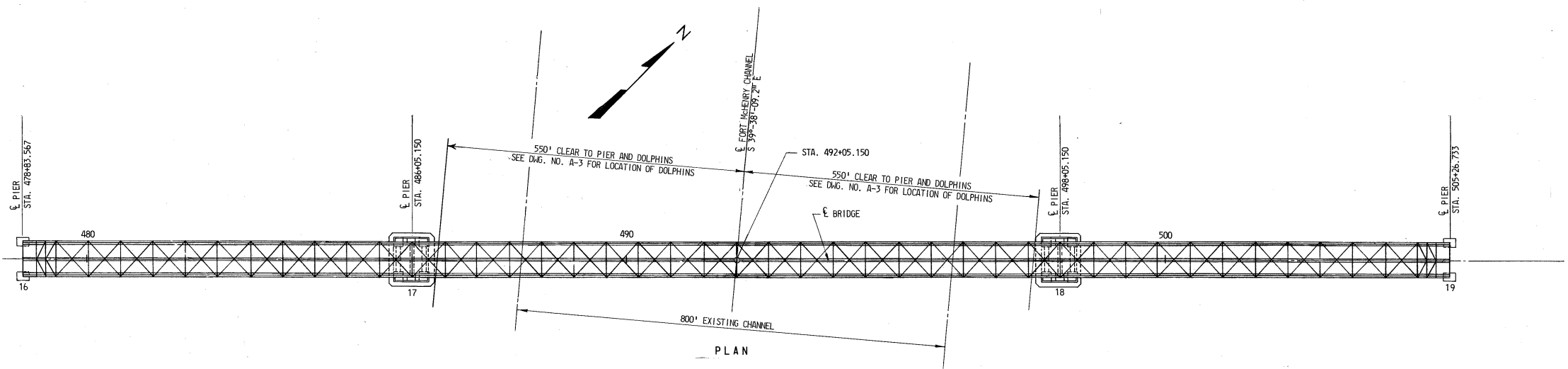
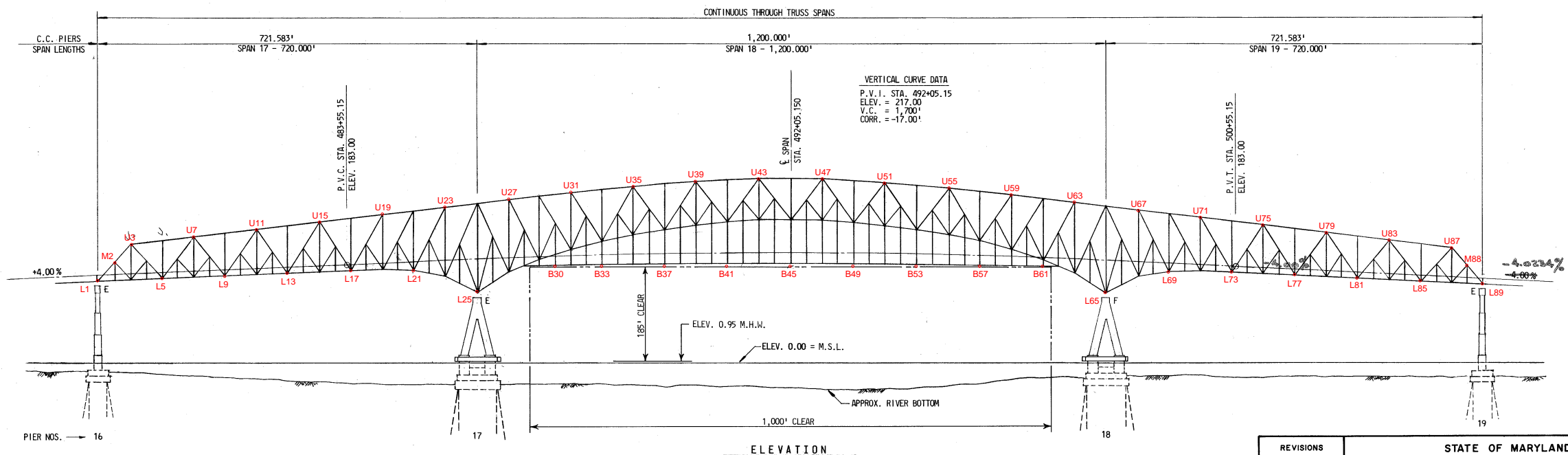


Figure D6: Indication Parameters for KB_WT_B37_SF

APPENDIX E: PIN LAYOUT AND SCHEMATIC PLAN SHEETS



1,026.373
8.636.333 C.C. BEARINGS OF ABUTMENTS

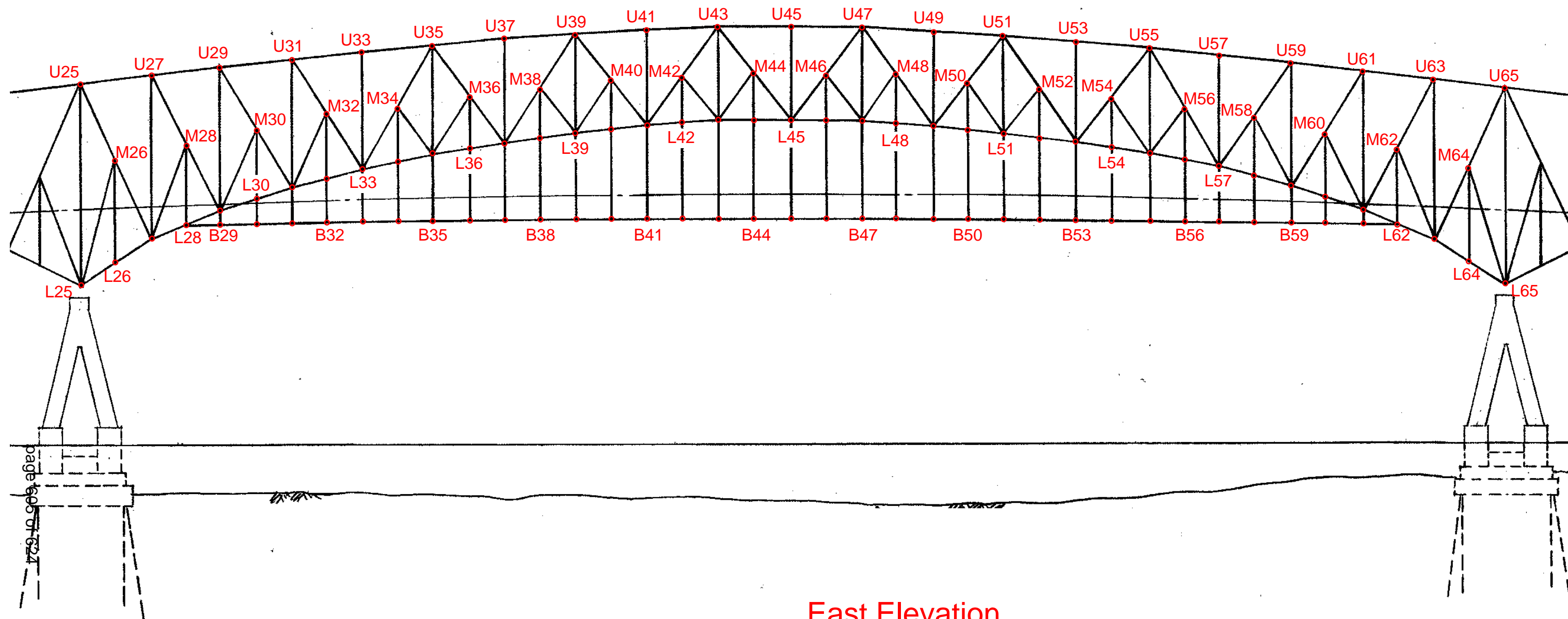


VERTICAL CURVE DATA
P.V.I. STA. 492+05.15
ELEV. = 217.00
V.C. = 1,700'
CORR. = -17.00'

NOTES:
ALL DIMENSIONS & SPAN LENGTHS SHOWN ARE HORIZONTAL.
FOR GENERAL NOTES SEE DWG. NO. A-2.
All elevations this sheet subject to Note 15 Sup. A-7 Contract ST-12.

REVISIONS As-Built	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION BALTIMORE, MD. BALTIMORE HARBOR OUTER CROSSING PATAPSCO RIVER BRIDGE GENERAL PLAN AND ELEVATION - II		
	SCALE 1" = 100'	DATE JAN., 1972	CONTRACT OT-12
MADE BY E.R.A.	J. E. GREINER COMPANY, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND		
TRACED BY C.E.S.			
CHECKED BY S.J.S. & J.W.H.			
DRAWING NO. A-5		SHEET NO. 5 OF 79	
INDEXED			

File No. _____ Pocket No. _____ Folder No. _____

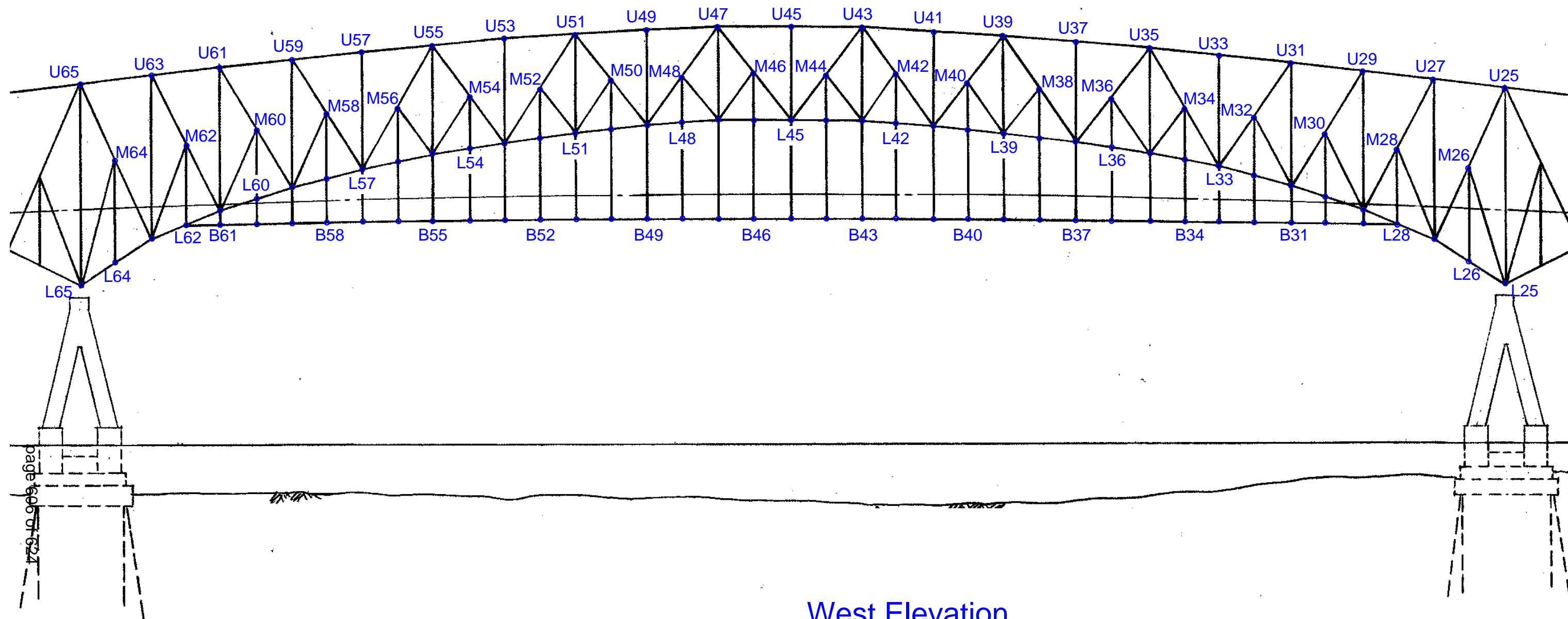


East Elevation
Span 18

Pier 17

Pier 18

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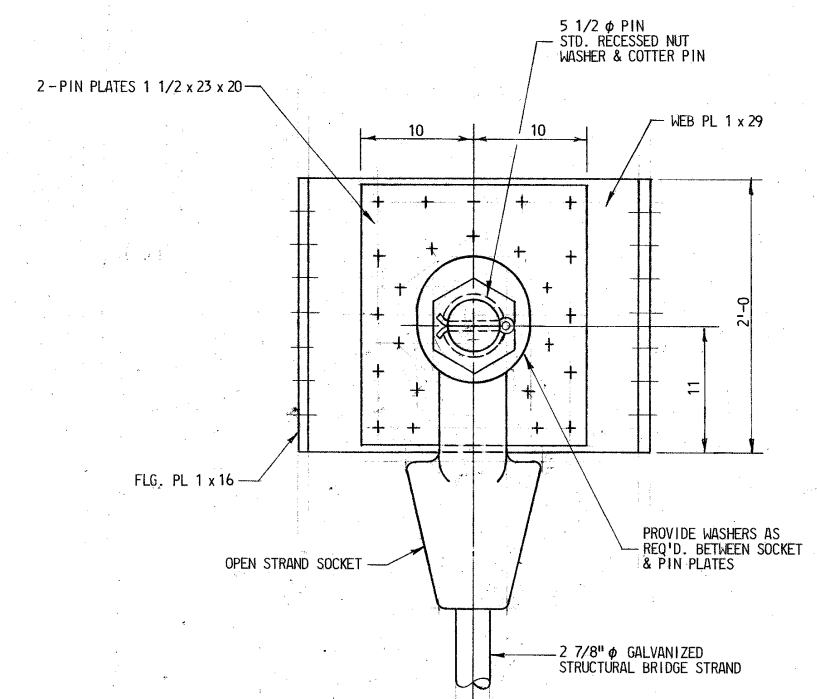
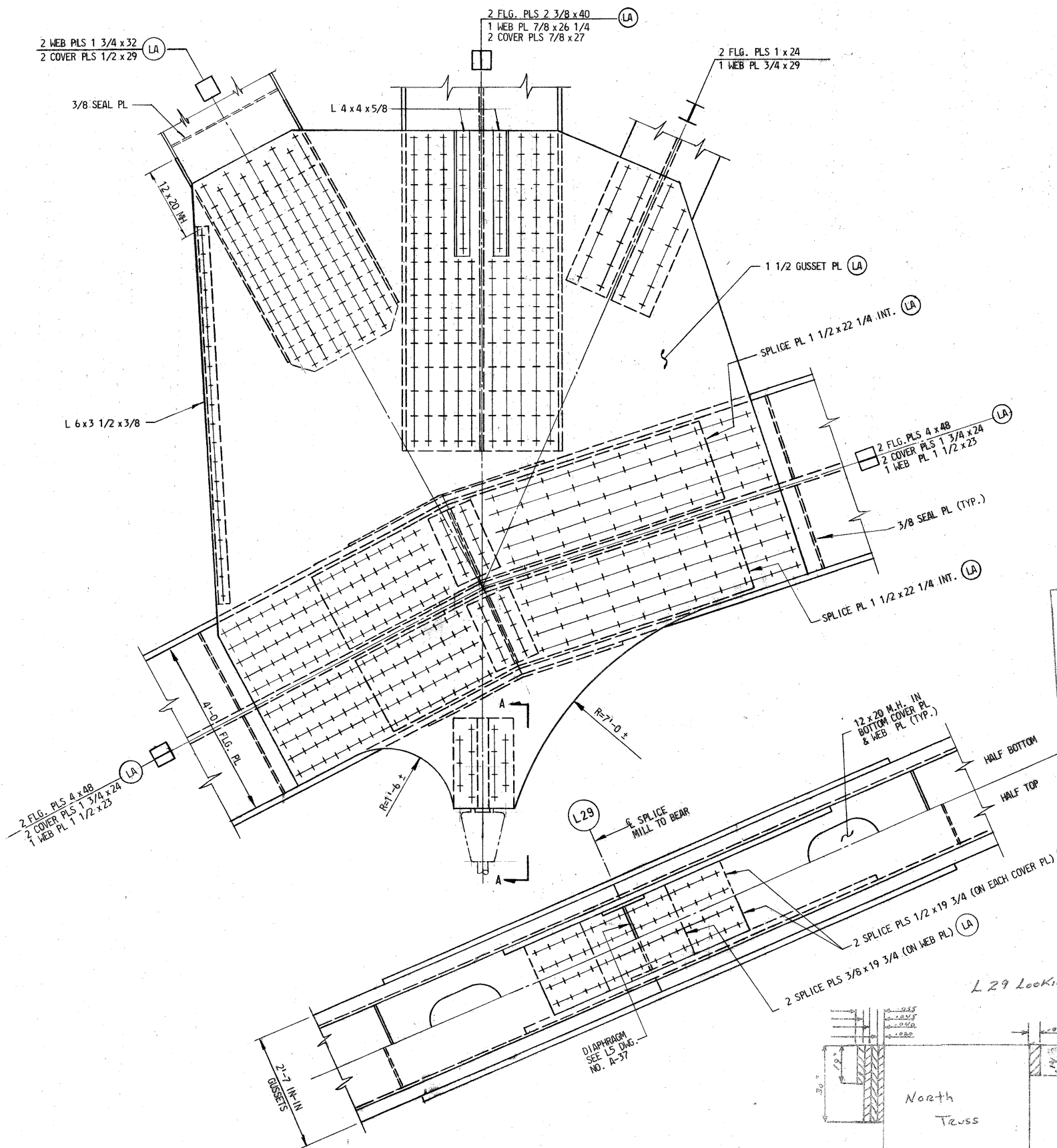


West Elevation
Span 18

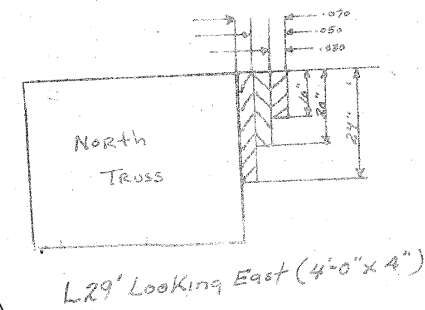
Pier 18

Pier 17

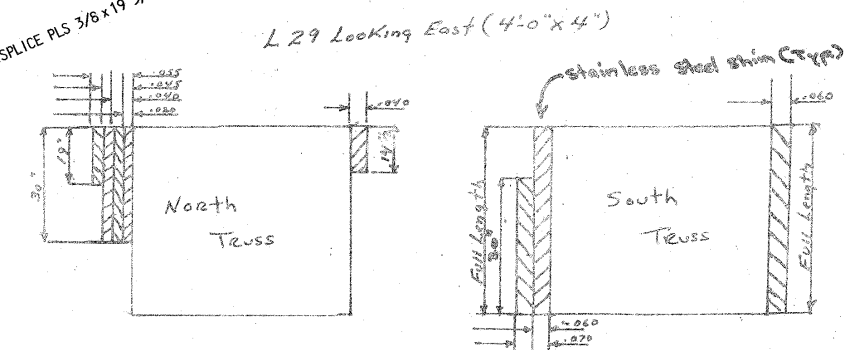
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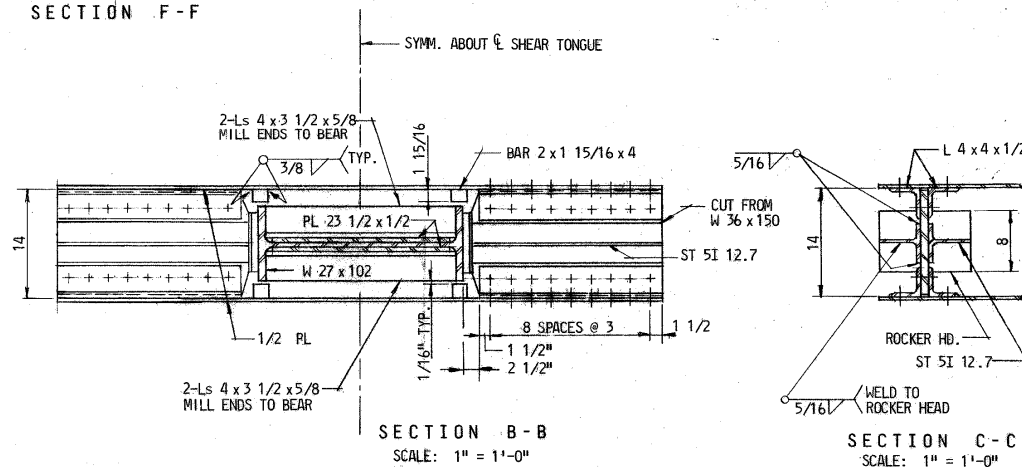
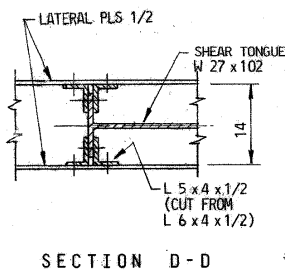
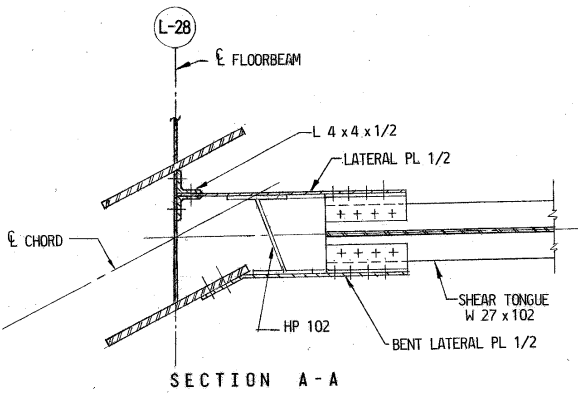
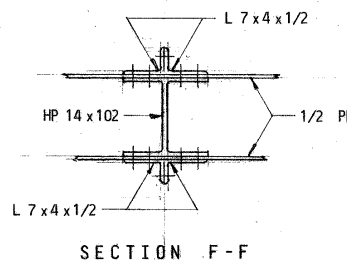
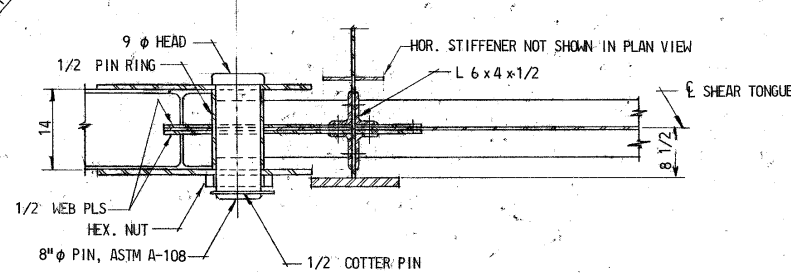
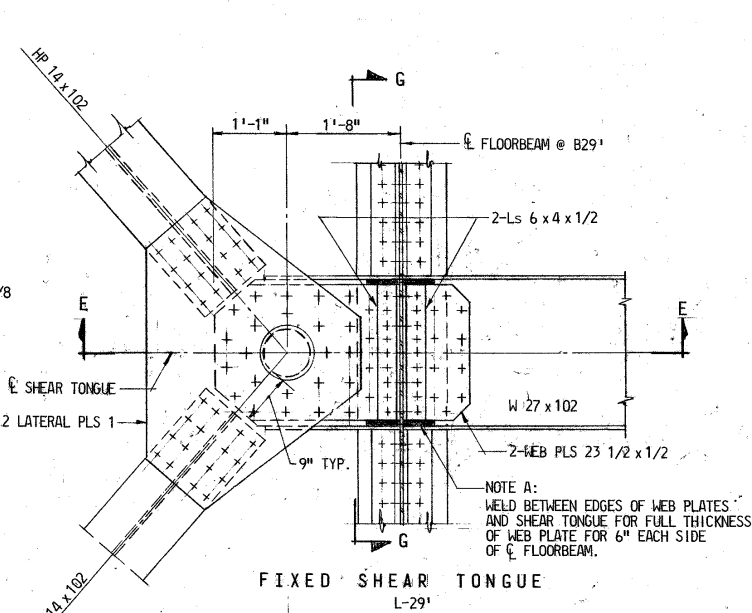
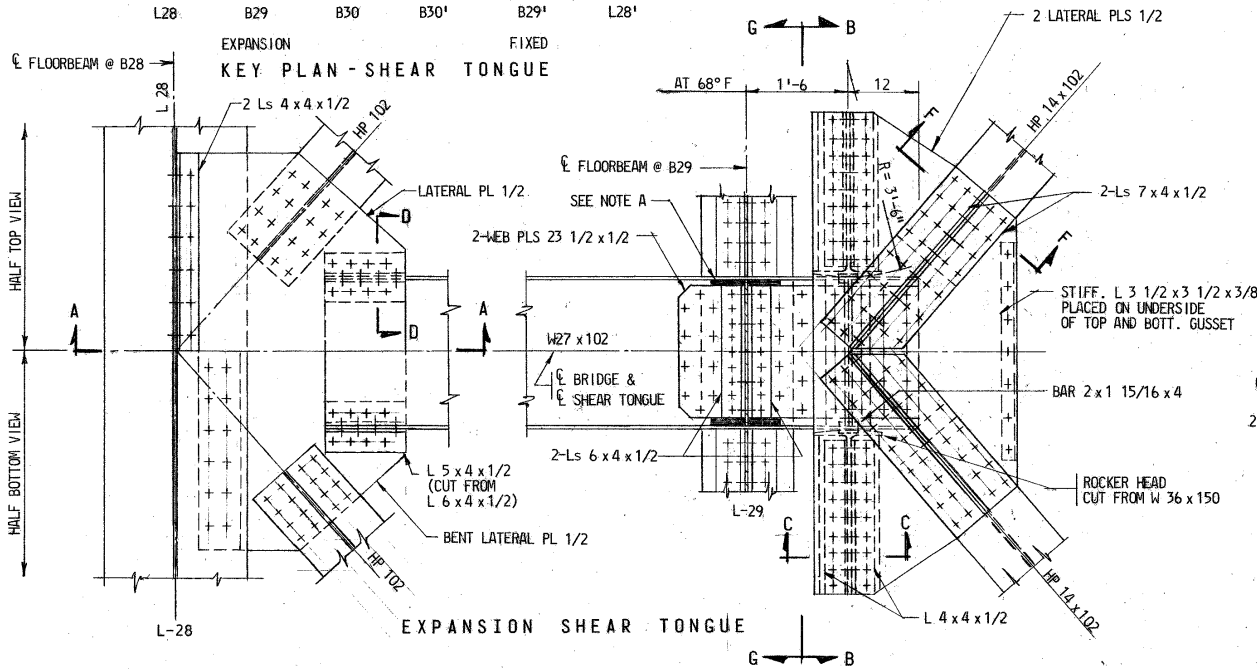
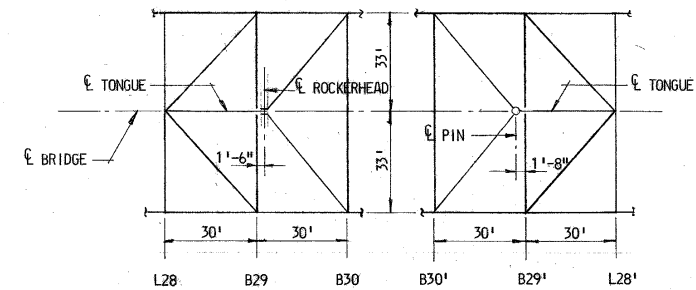
SECTION A-A
SCALE: 1 1/2" = 1'-0"



NOTES:
FOR GENERAL NOTES SEE DWG. NO. A-2.
Stainless Steel Shims used @ Mill to bear Splice



REVISIONS as-built	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION BALTIMORE, MD. BALTIMORE HARBOR OUTER CROSSING PATAPSCO RIVER BRIDGE JOINT DETAILS L29	
SCALE 3/4" = 1'-0"	DATE JAN., 1972	CONTRACT OT-12
MADE BY E.R.A.	J. E. GREINER COMPANY, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND	
TRACED BY E.R.A.		
CHECKED BY C.H.		
DRAWING NO. A-51	SHEET NO. 51 OF 79	
INDEXED		



NOTES:
FOR GENERAL NOTES SEE DWG. NO. A-2.

REVISIONS No. 0-11	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION BALTIMORE, MD. BALTIMORE HARBOR OUTER CROSSING PATAPSCO RIVER BRIDGE		
	SHEAR TONGUE AT PP - 29		
	SCALE: 3/4" = 1'-0" OR AS NOTED	DATE JAN., 1972	CONTRACT OT-12
	MADE BY: A.J.S.	J. E. GREINER COMPANY, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND	
	TRACED BY: E.R.A.		
	CHECKED BY: K.K.S.		
	DRAWING NO. A-64	SHEET NO. 64 OF 79	
	INDEXED		

APPENDIX F: BDI-UT-AB-001 REV. 0 WRITTEN PROCEDURE

BDI-UT-AB-001 Rev. 0

Procedure for Ultrasonic Testing of Steel Bridge Pin Components

1. Purpose

The purpose of this procedure is to describe the ultrasonic techniques for inspecting pins using both manual and conventional ultrasonic testing techniques.

2. Scope

2.1 This procedure outlines the procedure for ultrasonically with manual conventional UT determining discontinuities in hanger pins by the pulse echo method, using straight beam longitudinal waves induced by direct contact of the search unit with the material being tested.

3. Referenced Documents

- 3.1 ASTM Standards
 - 3.1a E114-10 Ultrasonic Pulse Echo Straight Beam Testing by the Contact Method
 - 3.1b E2375-12 Ultrasonic Testing of Wrought Products
- 3.2 VTRC 99-R3 Enhanced Ultrasonic Inspection of Steel Bridge Pin Components
- 3.3 FHWA-HRT-04-042 Guidelines for Ultrasonic Inspection of Hanger Pins

4. Personnel Qualification

- 4.1 Personnel performing ultrasonic testing shall be qualified in accordance with BDI Procedure for Certification of Non-Destructive Testing Personnel, which conforms to the American Society of Nondestructive Testing Recommend Practice ASNT-SNT-TC-1A and ANSI/ASNT Standard for Qualification of Nondestructive Testing Personnel CP-189. Certification of Level I and Level II individuals shall be performed by a Level III individual who has been certified by ASNT or has the education, training, experience, and has successfully passed the written examination prescribed in ASNT SNT-TC-1A. Individual who perform NDT shall be qualified for NDT Level II or be a NDT Level I working under the direct supervision of an individual qualified for NDT Level II.
- 4.2 Personnel performing NDT shall have passed an eye examination with or without corrective lenses, to prove (1) near vision acuity of Snellen English, or Jaeger J1, at 300mm (12 in.) and (2) far vision acuity of 20/40 or better. Vision tests shall be required every three years or less if necessary, to demonstrate adequacy.

5. UT Equipment

- 5.1 **Instrumentation:** Conventional UT: Krautkramer Ultrasonic Pulse Echo Flaw Detector, Model USL58 or equivalent.
- 5.2 **Transducer:** 0.50 -1.0-inch diameter, 2.25 - 5.0 MHz Straight Beam Unit
- 5.3 **Couplant:** Glycerin/cellulose gum with water added for desired consistency, or equivalent.
- 5.4 **Reference Standard:** Reference standard material and anchor rod material should be acoustically similar.
- 5.5 Equipment shall be qualified in accordance with AWS D1.5 Section 6, Part C

6. Standardization

- 6.1 The ultrasonic unit shall be calibrated for distance on a reference standard of sufficient length and diameter to simulate the anchor rod being inspected. Sensitivity should be adjusted to a gain setting of at least 20 dB greater than that required for an 80% back-reflection from the end of the calibration standard.
- 6.2 Unless otherwise specified, the initial pulse and at least one back-reflection shall appear on the screen of the CRT while testing for discontinuities in material having parallel surfaces. As a minimum, the calibration shall be checked each time there is a change in operators, when new batteries are installed, when search units are changed, when operating from one power source is changed to another power source, or when improper operation is suspected.

7. Testing Surface

- 7.1 Surfaces shall be uniform and free of loose scale and paint, discontinuities such as pits, gouges, dirt or other foreign material which can affect test results. It may be necessary to grind the top surface of the anchor rod smooth and level to insure proper acoustic coupling and transmissions.

8. Scanning

- 8.1 Apply a layer of couplant, hold the search unit in hand and move slowly over the top surface of the anchor rod.
- 8.2 Scanning level shall be 20dB above the calibration level as noted in 6.1.
- 8.3 Evaluate the first 10 inches of the pin by setting the instrument range for 10" of material thickness. If there are no indications noted, reset the instrument range for 2" beyond the known length or 50" of material thickness if unknown. Attempt to confirm the back-reflection of the rod to determine the length of the pin and evaluate any indications in the length of the pin beyond the 10" test.

9. Indication Sizing

9.1 When required indication length shall be determined by determining the distance between the point along the circumference of the pin where the amplitude drops to half the maximum at the extremities of the reflector (6-dB drop), or when the amplitude drops to half the minimum evaluation amplitude. For smaller pin diameters, length determination may not be practical due to the limited scanning surface and beam spread

10. Reports

10.1 The inspector shall furnish, within 14 calendar days of the test, a report of the testing that shall include the following information: District, County, Route, Sign Structure Number, Instrument Description (Make and Model), Search Unit description (Type, Size, Frequency), Pertinent instrument settings necessary to duplicate test, Operators Name, Date of Test, and The pertinent pin Identification Number as noted on the report (pin diameter, total length of pin if obtainable by back-reflection). See Page 4 for Example

11. Acceptance

11.1 Any indications that are above 10% FSH at the prescribed scanning level shall be noted on the report, and reported to the Bridge Safety Inspection Engineer. The Department will make a final decision concerning the suitability of the pin.

12. Painting of Anchor Rods

12.1 If required the top of the pins that were ground to bare metal for inspections purposes, should be totally cleaned of couplant and painted with a zinc-rich paint.

Written by: Ricky L. Morgan
BDI
ASNT NDT Level III #56955

Reviewed by: Ricky L. Morgan
BDI
ASNT NDT Level III #56955



Project Name: _____

Page: _____

Project Number: _____

Date: _____

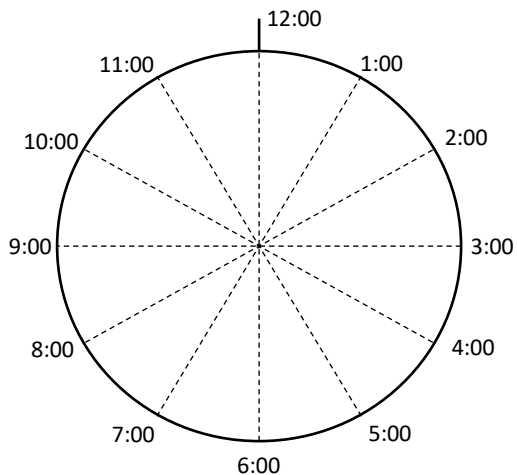
Description: _____

P&H UT Indication Note Sheet

Pin Location: _____

Scanning Face: _____

Circumferential Location (Mark Location of Indication)



Indication Notes:

Indication Depth (in): _____

Indication Clock Location: _____

Distance from Outer Edge on Clock Line (in) _____

**Draw Location and dimension on sketch to the left*

dB Level at Indication Location for 80% Backwall SH: _____

Data File Name of Backwall at 80%: _____

Indication SH at 80% Backwall Height (if indication $\geq 10\%$ SH) : _____

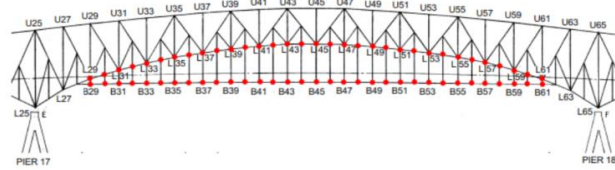
If Indication SH is Below 10%, new dB Reference Level to bring Indication SH to 10%: _____

Data File Name at $\geq 10\%$ Indication SH: _____

Comments:

APPENDIX G: KEY BRIDGE PIN INSPECTION CYCLE

Hanger Pins - Ultrasonic Testing Schedule



West Truss						
Pin #		Firm - Year / Cycle				
		H&H	WMA	WBCM		
Lower Chord	Deck Level	2019	2021	2023	2025	2027
L29	B29		X			
L30	B30	X				X
L31	B31	X				X
L32	B32		X			
L33	B33				X	
L34	B34			X		
L35	B35	X				X
L36	B36		X			
L37	B37			X		
L38	B38				X	
L39	B39	X				X
L40	B40		X			
L41	B41			X		
L42	B42				X	
L43	B43	X				X
L44	B44		X			
L45	B45			X		
L46	B46				X	
L47	B47	X				X
L48	B48		X			
L49	B49			X		
L50	B50				X	
L51	B51	X				X
L52	B52		X			
L53	B53			X		
L54	B54				X	
L55	B55	X				X
L56	B56		X			
L57	B57			X		
L58	B58				X	
L59	B59	X				X
L60	B60		X			
L61	B61			X		
Total Pins Tested =		18	18	16	14	18
West Truss Total =		66				

East Truss						
Pin #		Firm - Year / Cycle				
		H&H	WMA	WBCM		
Lower Chord	Deck Level	2019	2021	2023	2025	2027
L29	B29	X				X
L30	B30		X			
L31	B31			X		
L32	B32				X	
L33	B33	X				X
L34	B34		X			
L35	B35			X		
L36	B36				X	
L37	B37	X				X
L38	B38		X			
L39	B39			X		
L40	B40				X	
L41	B41	X				X
L42	B42		X			
L43	B43			X		
L44	B44				X	
L45	B45	X				X
L46	B46		X			
L47	B47			X		
L48	B48				X	
L49	B49	X				X
L50	B50		X			
L51	B51			X		
L52	B52				X	
L53	B53	X				X
L54	B54		X			
L55	B55			X		
L56	B56				X	
L57	B57	X				X
L58	B58		X			
L59	B59			X		
L60	B60				X	
L61	B61	X				X
Total Pins Tested =		18	16	16	16	18
East Truss Total =		66				

132 Pins Total Bridge

Notes:

- X - Indicates cycle year for pin testing (there are 2 pins, lower chord and deck level at each "X" location)
- Green Shaded indicates pins tested this cycle and included in this years' inspection report
- B33 and L33 from the 2023 cycle were swapped with and B34 and L34 on the West Truss per WBCM request
- An additional pin at wind shear location PP61 was tested during the 2023 inspection cycle per WBCM request

Pin Access:

- Pins L29 to L39 (Lower Chord), and L51 to L61 (Lower Chord) - 60-ft Bucket Truck or Manlift
- Pins L40 to L50 (Lower Chord) - 90-ft Bucket Truck of Manlift
- Pins B29 to B61 (Deck Level) - Walking Bottom Chord with Safety Line of alternatively use a snooper truck



INVENTORY

TOLL FACILITY STRUCTURE INVENTORY AND APPRAISAL REPORT

BRIDGE NUMBER: BCZ472001(S17-S19)

IDENTIFICATION

FORM 1 OF 11

(8) STRUCTURE NUMBER:

(8) FHWA NUMBER:

(7) FACILITY CARRIED:

(6) FEATURE INTERSECTED:

(255) FEDERAL SUBMITTAL INDICATOR:

(262) NAME OF STRUCTURE:

(27) YEAR BUILT: (106) YEAR RECONSTR:

(263) ADDITIONAL RECONSTRUCTION YEARS:

(1) STATE CODE: (2) DISTRICT CODE: Baltimore, Harford, Baltimore City

(3) COUNTY CODE: (4) PLACE CODE: Baltimore City

(5) INVENTORY ROUTE: Route carried "on" the structure Interstate Mainline

Route prefix Level Of Service Number Direction

(9) LOCATION:

(11) MILE POINT:

(12) BASE HIGHWAY NETWORK: Inventory Route IS on Base Network

(266) GIS ROUTE ID:

(267) GIS MILEPOINT:

(268) SCENIC ROUTE:

(13) LRS INVENTORY ROUTE, SUBROUTE NUMBER:

(16) LATITUDE: (A) (B) (C) (D)

(17) LONGITUDE: (A) (B) (C) (D)

(28) LANES ON: LANES UNDER:

(42) TYPE OF SERVICE ON: Highway TYPE OF SERVICE UNDER: Waterway

(98) BORDER STATE: BORDER STATE'S SHARE (%):

(99) BORDER STATE NUMBER:

CLASSIFICATION

FORM 2 OF 11

(104) HWY SYSTEM: Structure/Route is on NHS (103) TEMPORARY STRUCTURE:

(105) FEDERAL LANDS HWYS: (110) NAT'L NTWK: Inventory route on National Truck Network

(26) FUNCTION CLASS: Urban Principal Arterial - Other Freeway or Expressway (20) TOLL: Toll Bridge

(100) DEFENSE HWY: Is a defense highway (21) MAINTENANCE: State Toll Authority

(101) PARALLEL STRUCT: No parallel structure (22) OWNER: State Toll Authority

(102) DIRECTION: 2-way traffic (37) HISTORICAL: Not eligible

TRAFFIC

FORM 3 OF 11

(19) DETOUR: (109) TRUCK ADT %:

(29) ADT: (30) ADT YEAR:

(114) FUTURE ADT: (115) FUTURE ADT YEAR:

STRUCTURE TYPE AND MATERIAL

FORM 4 OF 11

(43) STRUCT TYPE: Steel Continuous Truss - Thru

(44) STRUCT TYPE-APPR: Steel Continuous Stringer/Multibeam or Girder

(232) BOX CULVERT ON PILES:

(208) STRUCT TYPE-WIDENED/EXTENDED:

(219) SLOPE PROTECTION:

(228) FOOTING-ABUTMENT:

(229) SUBSTRUCT ABUTMENT:

(230) FOOTING-PIER: Concrete Other (Unknown) Entire Structure

(231) SUBSTRUCTURE PIER:

(242) BEARING TYPE: Steel rockers

(108) WEARING SURFACE: Concrete Unknown Unknown

(243) JOINT TYPE:

(206) SUPPL TYPE-MAIN:

(207) SUPPL APPROACH:

(257) SCOUR PROTECTION:

(270) CONC. DECK SPECIAL TYPE:

(221) STRUCTURAL STEEL:

(233) DECK - COMP/NON-COMP:

(107) DECK STRUCTURE TYPE: Concrete Cast-in-Place (259) STAY-IN-PLACE FORMS:

(235) PARAPET:

(236) RAILING:

(237) FENCING:

-

(278) PAINT SYSTEM:

(344) PAINT COLOR/NUMBER:

(345) YEARS PAINTED:

GEOMETRICS

FORM 5 OF 11

(112) NBIS BRIDGE LENGTH:

(49) STRUCTURE LENGTH:

(210) NUMBER OF SPANS:

(45) # SPANS IN MAIN UNIT:

(46) # APPROACH SPANS:

(209) # CONTINUOUS SPANS:

(48) LENGTH MAX SPAN:

(238) # STRINGER-ORIGINAL:

(240) SPACING-ORIGINAL:

(239) # STRINGERS-WIDENED:

(241) SPACING-WIDENED:

(33) BRIDGE MEDIAN:

(50) CURB/SIDEWALK WIDTHS:

(205) MEDIAN WIDTH:

(51) DECK CURB-CURB WIDTHS:

(32) APPROACH ROAD WIDTH:

(52) DECK OUT-OUT WIDTH:

(10) INVENT ROUTE, MIN VERT CLEAR:

(53) BRIDGE ROADWAY, MIN VERTCLEAR:

(47) INVEN ROUTE, TOTAL HORIZ CLEAR:

(54) MIN VERTICAL UNDERCLEARANCE:

Feature not a highway or a railroad

(55) MIN LATERAL UNDERCLEARANCE (RIGHT):

Feature not a highway or a railroad

(56) MIN LATERAL UNDERCLEARANCE (LEFT):

(342) HORIZ CLEARANCE (ON):

(34) SKEW, IN DEGREES:

(280) HORIZ CLEARANCE (UNDER):

(35) STRUCTURE FLARED:

(253) NUMBER OF CELLS:

(256) SPAN OF CELLS:

(254) RISE:

(258) EARTHFILL:

(343) CENTERLINE LENGTH (Culverts/Pipes):

(223) SHOULDER WIDTHS:

(264) TYPE AND SPAN:

TST

LOAD RATINGS AND POSTINGS

(41) STATUS: Open (224) WEIGHT POSTED, KIPS:

(31) DESIGN LOAD: HS 20

(398) PEDESTRIAN LOADING:

(399) RAILROAD LOADING:

(70) POSTING: Equal to or above legal loads (400) DATE OF RATING:

(65) METHOD USED TO DETERMINE INVENTORY RATING: Load factor rating (LFR)

(63) METHOD USED TO DETERMINE OPERATING RATING: Load Factor Rating (LFR)

	INVENTORY RATING	OPERATING RATING
HL-93 VEHICLE		
H-15 VEHICLE	(404)190	(403)260
T4 REDUCED LIFT AXLE VEHICLE	(408)360	(407)580
HS VEHICLE	(410)330	(428)490
3S2 VEHICLE	(412)999	(411)999
150K VEHICLE	(414)750	(413)999
90K PERMIT COMBINATION VEHICLE	(416)480	(415)705
90K MOBILE CRANE VEHICLE	(418)475	(417)695
90K CARGO VEHICLE	(420)480	(419)695
80K CARGO VEHICLE	(422)430	(421)620
120K VEHICLE	(424)620	(423)920
108K MOBILE CRANE VEHICLE	(426)560	(425)830
120K MOBILE CRANE VEHICLE	(428)615	(427)920

(225) SPEED LIMIT ON STRUCTURE:

(226) MIN VERT CLEARANCE OVER ROADWAY POSTED: Posting signs not required

(227) MIN VERT UNDERCLEARANCE POSTED: Posting signs not required

LOAD RATER:

LOAD RATING PROGRAM:

RATING CONDITION (AS-BUILT OR AS INSPECTED):

CONDITION INSPECTION

	INSPECTION MONTH	(91) FREQUENCY	(90) INSPECTION DATE	(290) INSPECTION REPORT COMPLETION DATE
ROUTINE INSPECTION	1	24	01/09/2023	05/31/2023

CRITICAL FEATURE INSPECTIONS	(291) INSPECTION MONTH	(92) FREQUENCY	(93) CRITICAL FEATURE INSPECTION DATE
(A) FRACTURE CRITICAL MEMBERS	10	Y24	01/09/2023
(B) UNDERWATER INSPECTION	02	Y48	02/07/2017
(C) SPECIAL INSPECTION		N	
(D) HANDS-ON RAILROAD		N	
(E) CONFINED SPACE		N	
(F) ULTRASONIC TESTING (UT) PIN	01	Y96	03/06/2023
(G) ULTRASONIC TESTING (UT) ANCHOR		N	
(H) POST TENSIONING BAR		N	
(I) CATHODIC PROTECTION		N	
(J) CONSULTANT		N	
(K) MOVABLE BRIDGE		N	
(L) SUSPENSION BRIDGE		N	
(M) CABLE		N	
(N) MONITOR		N	
(P) FLOOD			
(Q) DAMAGES			
(R) INQUIRES			

(58) DECK: 6 Satisfactory condition (59) SUPERSTRUCTURE: 6 Satisfactory condition

(60) SUBSTRUCTURE: 6 Satisfactory condition (61) CHANNEL: 8 Banks protected or well vegetated

(62) CULVERT: N Not applicable

(310) INSPECTION DATA UPDATE DATE:

(311 a) INSPECTION TEAM - CONSULTANT INSPECTION:

(311 b) INSPECTION TEAM - TEAM/CONSULTANT:

(312) LEAD INSPECTOR:

(313) BRIDGE INSPECTOR:

(314) HOURS TO INSPECT: (316) DECK PLANKING %: (315) DECK PUNCTURES %:

(317) DECK PATCHING %: (318) BLOCKING: (319) POWER WASHING:

(320) IDENTIFICATION NO.: (321) INVENTORY DIRECTION: (323) PERMIT:

(324) NIGHT WORK: (325) WEEKEND WORK:

(322) LOOKING TOWARD:

(326) MAINTENANCE OF TRAFFIC STANDARDS:

(327) MOT COMMENTS:

(328) LOCATION OF MIN. VERT. UNDERCLEARANCE:

(329A) CRITICAL FINDINGS: (329B) CRITICAL FINDINGS DATE:

(330) CRITICAL FINDINGS COMMENTS:

(331) CAUTION COMMENTS:

(332) UNDERCLEARANCE POSTING SIGNS:

(340) INSPECTION EQUIPMENT:

<input type="text" value="B"/> Boat	<input type="text" value="S"/> Snooper	<input type="text"/>
<input type="text" value="C"/> Climber	<input type="text"/>	<input type="text"/>
<input type="text" value="D"/> Diver	<input type="text"/>	

(333) MHOI: (334) MHOI LOCATIONS:

(335) ADVANCED NOTIFICATION:

(336) ADVANCED NOTIFICATION COMMENTS:

APPRAISAL

(67) STRUCTURAL EVALUATION:

(68) DECK GEOMETRY:

(69) UNDERCLEARANCE:

(72) APPROACH ALIGNMENT:

(71) WATERWAY ADEQUACY:

(36) TRAFFIC SAFETY FEATURES

RAILINGS:

Meets Standards

TRANSITIONS:

Not Applicable

APPROACH BARRIER:

Not Applicable

APPROACH BARRIER ENDS:

Not Applicable

(113) SCOUR EVALUATION:

Bridge foundations determined to be stable for the assessed or calculated scour condition.

(DT) DEDUCT CODE:

(STAT) STATUS:

NAVIGATION

(38) NAVIGATION CONTROL:

(39) NAV VERT CLEARANCE:

(40) NAV HORIZONTAL CLEARANCE:

(111) PIER/ABUTMENT PROTECTION:

(116) MIN NAV VERT CLEARANCE, VERT LIFT BRIDGE:

(247) DESIGN YEAR STORM:

(248) RUN-OFF Q:

(249) DRAINAGE AREA:

(250) STRUCTURE IN TIDAL AREA:

(251) HIGH WATER ELEVATION:

(252) YEAR HIGH WATER ELEVATION-LATEST:

HISTORY AND PROPOSED IMPROVEMENTS

FORM 10 OF 11

(201) CONTRACT NUMBERS:

(203) SHA SPEC-YEAR:

(204) AASHTO SPEC-YEAR:

(75) TYPE OF WORK:

(94) BRIDGE IMPROVE COST:

(76) LENGTH OF IMPROVEMENT:

(96) TOTAL PROJECT COST:

(95) ROADWAY IMPROVE COST:

(97) YEAR OF IMPROVEMENT:

MISCELLANEOUS

FORM 11 OF 11

(244) SIGNS ON STRUCTURE:

(245) BRIDGE ROADWAY LIGHTING:

(246) ROADWAY LIGHTING:

(260) UTILITIES - ON:

(261) UTILITIES - UNDER:

REMARKS: