NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT
COUNTY: JOHNSTON DIV: 4

ATTENTION: ☑ PARS Submitted ☐ Sign Notice Issued
sketches revised; new repairs

Structure Safety Inspection Report

BRIDGE NUMBER: 500101 BRIDGE NAME: PREVIOUS BRIDGE NUMBER:

OWNER: S01 State transportation department INVENTORY TYPE: NBI Structure

LATITUDE: 35.47770000 LONGITUDE: -78.36795000 ROUTE: I95 SBL M.P.: 91.5

SUPERSTRUCTURE: Plate Girder

NUMBER OF SPANS: 8 MINIMUM SPAN LENGTH: 48.5 FEET: MAXIMUM SPAN LENGTH: 49.0 FEET:

SUBSTRUCTURE: Reinforced Concrete Pier Cap; Other Pile

POSTED SV: NO POSTED TTST: NO

	Insp.	SNBI		Insp.	SNBI		Insp.	SNBI		Insp.	SNBI
DECK:	5	5	SUPERSTRUCTURE:	5	5	SUBSTRUCTURE:	5	5	CULVERT:	N	N

south approach looking north

START DATE	END DATE	INSPECTED BY	SIGNATURE
06/09/2025	06/09/2025	Stephen Hays	
DIRECTION	TIME (hours)	Assisted By	
S-N	13	Juan Rodriguez	

Equipment Used: A03

Inspection Type(s)
☐ Initial ☑ Routine ☐ Underwater ☐ NSTM ☐ Damage ☐ In Depth ☐ Special ☐ Service ☐ Scour

Report Date: **07/07/2025**

Section 1: Bridge Identification

Subsection 1.1: Identification

B.ID.01 Structure Number, SMU: **500101** SAP: **0510101** FHWA: **010101**

B.ID.02 Bridge Name:

B.ID.03 Previous Bridge Number:

Subsection 1.2: Location

B.L.01 State Code: **37** B.L.02 County Code: **101** B.L.03 Place Code:

B.L.04 Highway Agency District: **4**

B.L.05 Latitude: **35.477700** B.L.06 Longitude: **-78.367950**

B.L.07 Border Bridge Number: **N** B.L.08 Border Bridge State:

B.L.09 Border Bridge Inspection Responsibility:

B.L.10 Border Bridge Designated Lead State:

B.L.11 Location:

1.8MI N.JCT.US301&US701

B.L.12 Metropolitan Planning Organization: **Upper Coastal Plain RPO**

Subsection 1.3: Classification

B.CL.01 Owner: **S01** State transportation department

B.CL.02 Maintenance Responsibility: **S01** State transportation department

B.CL.03 Federal or Tribal Land Access: **N** Not Applicable

B.CL.04 Historic Significance: **N** Bridge is not on Historic Registry

B.CL.05 Toll: **N** Bridge does not carry a toll road and is not a toll bridge

B.CL.06 Emergency Evacuation Designator: **N**

Section 3: Bridge Geometry

B.G.01 NBIS Bridge Length: **395.500** B.G.02 Total Bridge Length: **400.500**

B.G.03 Maximum Span Length: **49.000** B.G.04 Minimum Span Length: **48.500**

B.G.05 Bridge Width Out-to-Out: **33.500** B.G.06 Bridge Width Curb-to-Curb: **28.200**

B.G.07 Left Curb/Sidewalk Width: B.G.08 Right Curb/Sidewalk Width:

B.G.09 Approach Roadway Width: **28.000** B.G.10 Median: **0** No Median

B.G.11 Skew: **30** B.G.12 Curved Bridge: **N** Not Curved

B.G.13 Maximum Bridge Height: **34.000** B.G.14 Sidehill Bridge: **N**

B.G.15 Irregular Deck Area

Structure Number 500101 **Inspection Date** 06/12/2025

General Condition Rating Matrix

	SNBI/FHWA	NCDOT SMU	Current Inspection
Deck	5	5	5
Superstructure	5	6	5
Substructure	5	5	5
Culvert	N	N	N

SNBI Rating Comments

NCDOT Rating Comments

Inspection Rating Comments

Structure Element Scoring

Structure Number: **500101**

Inspection Date **6/12/2025**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12		Reinforced Concrete Deck	Deck	13,321	4,686	8,581	54	0
107		Steel Open Girder/Beam	Beam	1,600	1,521	22	2	55
515	107	Steel Protective Coating	Beam	14,688	14,657	0	27	4
215		Reinforced Concrete Abutment	Abutments	66	41	20	5	0
229		Other Pile	Piles and Columns	49	16	30	1	2
234		Reinforced Concrete Pier Cap	Caps	290	259	31	0	0
521	234	Concrete Protective Coating	Caps	710	710	0	0	0
302		Compression Joint Seal	Expansion Joints	288	287	0	1	0
311		Movable Bearing	Bearing Device	32	0	28	4	0
515	311	Steel Protective Coating	Bearing Device	32	29	0	3	0
313		Fixed Bearing	Bearing Device	32	0	31	1	0
515	313	Steel Protective Coating	Bearing Device	32	23	0	9	0
321		Reinforced Concrete Approach Slabs	Approaches	1,400	479	920	1	0
330		Metal Bridge Railing	Bridge Rail	804	230	50	524	0
515	330	Steel Protective Coating	Bridge Rail	804	804	0	0	0
331		Reinforced Concrete Bridge Railing	Bridge Rail	804	732	59	13	0
602		Warning Signs	Ground Mounted Signs	1	0	1	0	0
603		Other Warning Signs	Ground Mounted Signs	1	1	0	0	0

Section 7: Bridge Condtion

Subsection 7.1: Condition Component Ratings

B.C.01: Deck Condtion Rating	5
B.C.02: Superstructure Condition Rating	5
B.C.03: Substructure Condition Rating	5
B.C.04: Culvert Condition Rating	N
B.C.05: Bridge Railing Condition Rating	5
B.C.06: Bridge Railing Transition Condition Rating	5
B.C.07: Bridge Bearings Condition Rating	6
B.C.08: Bridge Joints Condition Rating	7
B.C.09: Channel Condition Rating	6
B.C.10: Channel Protection Condition Rating	N
B.C.11: Scour Condition Rating	7
B.C.12: Bridge Condition Classification	F
B.C.13: Lowest Condition Rating	5
B.C.14: NSTM Condition Rating	
B.C.15: Underwater Condition Rating	6

Subsection 7.2, 7.3: Element Identification and Conditions

Element Number	Parent Number	Total Quantity	State 1	State 2	State 3	State 4
603	0	1	1	0	0	0

Subsection 7.4: Appraisal

B.AP.01: Approach Roadway Alignment	G	
B.AP.02: Overtopping Likelihood		
B.AP.03: Scour Vulnerability		
B.AP.04: Scour Plan of Action	0	A scour plan of action not required
B.AP.05: Seismic Vulnerability	N	Bridge does not require seismic evaluation

Superstructure Build Details

Span Number 1 **Span Length** 50.250 **Skew** 120.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Compression Seal	Compression Joint Seal	32 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1587 Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	102 Feet		
2	Retrofitted Metal Rail	Metal Bridge Railing	102 Feet	Unknown	102
4	Plate Girder	Steel Open Girder/Beam	200 Feet	Unknown	1836
4	Fixed Bearing	Fixed Bearing	4 Each	Unknown	4
4	Movable Bearing	Movable Bearing	4 Each	Unknown	4

Span Number 2 **Span Length** 50.000 **Skew** 120.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Compression Seal	Compression Joint Seal	32 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1675 Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	100 Feet		
2	Retrofitted Metal Rail	Metal Bridge Railing	100 Feet	Unknown	100
4	Plate Girder	Steel Open Girder/Beam	200 Feet	Unknown	1836
4	Fixed Bearing	Fixed Bearing	4 Each	Unknown	4
4	Movable Bearing	Movable Bearing	4 Each	Unknown	4

Span Number 3 **Span Length** 50.000 **Skew** 120.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Compression Seal	Compression Joint Seal	32 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1675 Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	100 Feet		

Superstructure Build Details

2	Retrofitted Metal Rail	Metal Bridge Railing	100	Feet	Unknown	100
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1836
4	Fixed Bearing	Fixed Bearing	4	Each	Unknown	4
4	Movable Bearing	Movable Bearing	4	Each	Unknown	4

Span Number 4 **Span Length** 50.000 **Skew** 120.000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Compression Seal	Compression Joint Seal	32	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1675	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	100	Feet		
2	Retrofitted Metal Rail	Metal Bridge Railing	100	Feet	Unknown	100
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1836
4	Fixed Bearing	Fixed Bearing	4	Each	Unknown	4
4	Movable Bearing	Movable Bearing	4	Each	Unknown	4

Span Number 5 **Span Length** 50.000 **Skew** 120.000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Fixed Bearing	Fixed Bearing	1	Each	Enamel	1
1	Compression Seal	Compression Joint Seal	32	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1675	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	100	Feet		
2	Retrofitted Metal Rail	Metal Bridge Railing	100	Feet	Unknown	100
3	Fixed Bearing	Fixed Bearing	3	Each	Unknown	3
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1836
4	Movable Bearing	Movable Bearing	4	Each	Unknown	4

Superstructure Build Details

Span Number 6 **Span Length** 50.000 **Skew** 120.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Compression Seal	Compression Joint Seal	32 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1675 Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	100 Feet		
2	Retrofitted Metal Rail	Metal Bridge Railing	100 Feet	Unknown	100
4	Plate Girder	Steel Open Girder/Beam	200 Feet	Unknown	1836
4	Fixed Bearing	Fixed Bearing	4 Each	Unknown	4
4	Movable Bearing	Movable Bearing	4 Each	Unknown	4

Span Number 7 **Span Length** 50.000 **Skew** 120.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Compression Seal	Compression Joint Seal	32 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1675 Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	100 Feet		
2	Retrofitted Metal Rail	Metal Bridge Railing	100 Feet	Unknown	100
4	Plate Girder	Steel Open Girder/Beam	200 Feet	Unknown	1836
4	Fixed Bearing	Fixed Bearing	4 Each	Unknown	4
4	Movable Bearing	Movable Bearing	4 Each	Unknown	4

Span Number 8 **Span Length** 50.250 **Skew** 120.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Delineator	Warning Signs	1 Each		
1	Other warning sign	Other Warning Signs	1 Each		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1684 Square Feet		

Superstructure Build Details

2	Compression Seal	Compression Joint Seal	64	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	102	Feet		
2	Retrofitted Metal Rail	Metal Bridge Railing	102	Feet	Unknown	102
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1836
4	Fixed Bearing	Fixed Bearing	4	Each	Unknown	4
4	Movable Bearing	Movable Bearing	4	Each	Unknown	4

Section 2: Bridge Material and Type

Subsection 2.1: Span Material and Type

B.SP.01 Span Configuration Designator: **M01**

B.SP.02 Number of Spans: **8** B.SP.03 Number of Beam Lines: **4**

B.SP.04 Span Material: **S01** Steel rolled shapes

B.SP.05 Span Continuity: **1** Simple or Single Span

B.SP.06 Span Type: **G02** Girder/beam i-shaped spread

B.SP.07 Span Protection System:

B.SP.08 Deck Interaction:

B.SP.09 Deck Material and Type: **C01** Reinforced Concrete cast-in-place

B.SP.10 Wearing Surface: **C03** Concrete latix modified

B.SP.11 Deck Protective System:

B.SP.12 Deck Reinforcing Protective System:

B.SP.13 Deck Stay-In-Place Forms **0** None

Subsection 2.2: Substructure Material and Type

B.SB.01 Substructure Configuration Designator: **A01**

B.SB.02 Number of Substructure Units: **2**

B.SB.03 Substructure Material: **C01** Reinforced Concrete cast-in-place

B.SB.04 Substructure Type **A02** Abutment stub

B.SB.05 Substructure Protective System:

B.SB.06 Foundation Type:

B.SB.07 Foundation Protective System:

B.SB.01 Substructure Configuration Designator: **P01**

B.SB.02 Number of Substructure Units: **7**

B.SB.03 Substructure Material: **C01** Reinforced Concrete cast-in-place

B.SB.04 Substructure Type **B03** Bent pile

B.SB.05 Substructure Protective System:

B.SB.06 Foundation Type: **PX** Pile other

B.SB.07 Foundation Protective System:

Subsection 2.3: Roadside Hardware

B.RH.01 Bridge Railings: **3504**

B.RH.02 Transitions: **I**

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **500101** Inspection Date: **06/12/2025**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Exposed Rebar	37 Square Feet
3326	Reinforced Concrete Deck	Patched Areas	66 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	477 Square Feet
3326	Reinforced Concrete Deck	Cracking (RC and Other)	3643 Square Feet
3314	Steel Open Girder/Beam	Corrosion	56 Feet
3350	Reinforced Concrete Abutment	Cracking (RC and Other)	5 Feet
3348	Other Pile	Scour	8 Each
3348	Other Pile	Delamination/Spall	4 Each
3348	Other Pile	Cracking (RC and Other)	2 Each
3348	Reinforced Concrete Pier Cap	Delamination/Spall	3 Feet
3310	Compression Joint Seal	Adjacent Deck or Header	1 Feet
3334	Movable Bearing	Corrosion	4 Each
3334	Fixed Bearing	Corrosion	1 Each
3353	Reinforced Concrete Approach Slabs	Delamination/Spall	1 Square Feet
3353	Reinforced Concrete Approach Slabs	Abrasion/Wear (PSC/RC)	600 Square Feet
3353	Reinforced Concrete Approach Slabs	Cracking (RC and Other)	300 Square Feet
3322	Metal Bridge Railing	Distortion	473 Feet
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	13 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	44 Square Feet

Element Structure Maintenance Quantities

Structure Number: **500101** Inspection Date **06/12/2025**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	56	1600	55.000	2.000	22.000	1521.000
Beam	3342	Clean and Paint Steel	31	14688	4.000	27.000	0.000	14657.000
Bearing Device	3334	Bridge Bearing	4	32	0.000	4.000	28.000	0.000
Bearing Device	3334	Bridge Bearing	1	32	0.000	1.000	31.000	0.000
Bearing Device	3342	Clean and Paint Steel	3	32	0.000	3.000	0.000	29.000
Bearing Device	3342	Clean and Paint Steel	0	1	0.000	0.000	0.000	1.000
Bearing Device	3342	Clean and Paint Steel	9	31	0.000	9.000	0.000	22.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	13	804	0.000	13.000	59.000	732.000
Bridge Rail	3322	Maintenance of Steel Bridge Rail	473	804	0.000	524.000	50.000	230.000
Bridge Rail	3342	Clean and Paint Steel	0	804	0.000	0.000	0.000	804.000
Deck	3326	Maintenance of Concrete Deck	4222	13321	0.000	54.000	8581.000	4686.000
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	1	288	0.000	1.000	0.000	287.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	1	0.000	0.000	1.000	0.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	1	0.000	0.000	0.000	1.000
Abutments	3350	Maintenance of Concrete Wings and Wall	5	66	0.000	5.000	20.000	41.000
Caps	3348	Maintenance of Concrete Substructure	3	290	0.000	0.000	31.000	259.000
Caps	5603	Partial Cleaning and Painting of Structural Steel	0	710	0.000	0.000	0.000	710.000
Piles and Columns	3348	Maintenance of Concrete Substructure	14	49	2.000	1.000	30.000	16.000
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	901	1400	0.000	1.000	920.000	479.000

Priority Actions Request

Structure Number **500101**

Span1

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 1 Deck: (PAR) FAR END DIAPHRAGM AT RIGHT OVERHANG SPALL WITH EXPOSED REBAR 6 INCHES X 2 FEET X 4 INCH DEEP, 5 PERCENT SECTION LOSS.
2	Exposed Rebar	2	Span 1 Deck: (PAR) UP TO 12 INCHES DIAMETER X 1.5 INCHES DEEP SPALLS WITH EXPOSED REBAR WITH 5 PERCENT SECTION LOSS AT DRAINS 3 AND 4 IN LEFT OVERHANG.
2	Exposed Rebar	1	Span 1 Deck: (PAR) TWO (2) UP TO 8 INCHES DIAMETER X 3/4 INCH DEEP SPALLS WITH EXPOSED REBAR, 5 PERCENT SECTION LOSS, UNDERSIDE OF BAY 1 END DIAPHRAGM, AT BENT 1.
2	Exposed Rebar	2	Span 1 Deck: (PAR) BAY 2 FAR DIAPHRAGM ADJACENT TO BEAM 2 AREA OF DELAMINATION AND SPALLING WITH EXPOSED REBAR 1.5 FEET X 8 INCHES X UP TO 3 INCHES DEEP, 5 PERCENT SECTION LOSS.
2	Exposed Rebar	1	Span 1 Deck: (PAR) UP TO 1 FOOT WIDE X 9 INCHES LONG X UP TO 1 INCH DEEP SPALL WITH EXPOSED REINFORCEMENT IN RIGHT OVERHANG, LOCATED AT THIRD DRAIN PIPE. 15 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 2: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch)

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 3: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 18 inch)

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 4: (PAR) at bent 1, painted over section loss: web adjacent to end diaphragm (7/16 inch average remaining x 8 inch x 24 inch); bottom flange (0.87 inch average remaining x 5 inch)

3322 **Left Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	50	Span 1 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS

3322 **Right Retrofit Bridge Rail** Retrofitted Metal Rail

? PAR Submitted 1 Routine Maintenance 2 Priority 24 Month 3 Priority 12 Month 4 Assigned Critical Find

Priority Actions Request

Structure Number **500101**

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	20	Span 1 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span2

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 2 Deck: (PAR) RIGHT OVERHANG SOFFIT NEAR MIDSPAN SPALL WITH EXPOSED REBAR 6 INCHES DIAMETER X 1 INCH DEEP, 5 PERCENT SECTION LOSS.
2	Exposed Rebar	1	Span 2 Deck: (PAR) RIGHT OVERHANG SOFFIT AT RAIL POST 2, 1 FOOT DIAMETER X 1.5 INCHES DEEP SPALL WITH EXPOSED REBAR. 5 PERCENT SECTION LOSS.
2	Exposed Rebar	1	Span 2 Deck: (PAR) 15 FEET FROM BENT 2 IN LEFT OVERHANG SOFFIT SPALL WITH EXPOSED REBAR 6 INCHES X 8 INCHES X 1 INCH DEEP 5 PERCENT SECTION LOSS.
2	Exposed Rebar	2	Span 2 Deck: (PAR) UP TO 1.5 FEET WIDE X 4 INCHES HIGH X UP TO 4 INCHES DEEP SPALL WITH EXPOSED REBAR, 5 PERCENT SECTION LOSS IN DIAPHRAGM IN BAY 3 AT BENT 1.

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 1: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 9 inch)

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 2: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 1 inch x 7 inch) with corrosion reactivating
2	Corrosion	1	Span 2 Beam 2: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 9 inch) with corrosion reactivating

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 3: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 5 inch x 8 inch)

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description

? PAR Submitted 1 Routine Maintenance 2 Priority 24 Month 3 Priority 12 Month 4 Assigned Critical Find

Priority Actions Request

Structure Number **500101**

2	Corrosion	1	Span 2 Beam 4: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch) with corrosion reactivating
2	Corrosion	1	Span 2 Beam 4: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 4 inch x 15 inch) with corrosion reactivating

3322 **Left Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	50	Span 2 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS

3322 **Right Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	20	Span 2 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span3

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	3	Span 3 Deck: (PAR) BAY 1 NEAR DIAPHRAGM ADJACENT TO BEAM 2, SPALL WITH EXPOSED REBAR 3 FEET X 5 INCHES X 3 INCH DEEP, 5 PERCENT SECTION LOSS.

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 1: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 12 inch)
2	Corrosion	4	Span 3 Beam 1: (PAR) at bent 3, 2 foot from beam end, painted over section loss: lower web (1/2 inch average remaining remaining x 40 inch x 10 inch); bottom flange (0.87 inch x 40 inch)

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 2: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 4 inch) with corrosion reactivating
2	Corrosion	1	Span 3 Beam 2: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 24 inch) with corrosion reactivating

Priority Actions Request

Structure Number **500101**

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 3: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch)
2	Corrosion	1	Span 3 Beam 3: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 4 inch x 8 inch) with corrosion reactivating

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 4: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch) with corrosion reactivating
2	Corrosion	1	Span 3 Beam 4: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 16 inch) with corrosion reactivating

3322 **Right Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	10	Span 3 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span4

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 4 Deck: (PAR) LEFT OVERHANG NEAR MIDSPAN 2 SPALLS WITH EXPOSED REBAR UP TO 10 INCHES DIAMETER X 1 INCH DEEP, 5 PERCENT SECTION LOSS.
2	Exposed Rebar	5	Span 4 Deck: (PAR) 5 FEET LONG X 11 INCHES HIGH UNSOUND CONCRETE PATCH WITH 1/16 INCH WIDE CRACKS AND SPALLS UP TO 3 FEET X FULL WIDTH X 5 INCHES WITH EXPOSED REBAR UP TO 100 PERCENT SECTION LOSS IN BAY 1 AND EXTERIOR END DIAPHRAGM, NEXT TO BEAM 1, AT BENT 4.

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 1: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 6 inch) with corrosion reactivating
2	Corrosion	1	Span 4 Beam 1: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 16 inch) with corrosion reactivating

Priority Actions Request

Structure Number 500101

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 2: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 4 inch) with corrosion reactivating

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 3: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 3 inch)
2	Corrosion	1	Span 4 Beam 3: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 7 inch) with corrosion reactivating

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 4: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch)
2	Corrosion	0	Span 4 Beam 4: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 1 inch x 18 inch) with corrosion reactivating

3322 **Left Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	50	Span 4 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS

3322 **Right Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	25	Span 4 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span5

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 5 Deck: (PAR) BAY 3 FAR DIAPHRAGM ADJACENT TO BEAM 3 AREA OF SPALLING AND DELAMINATION 2 FEET X 4 INCHES X UP TO 3 INCHES DEEP

? PAR Submitted 1 Routine Maintenance 2 Priority 24 Month 3 Priority 12 Month 4 Assigned Critical Find

Priority Actions Request

Structure Number **500101**

WITH EXPOSED RUSTED REBAR (APPROXIMATELY 80 PERCENT REMAINING)

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 1: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 10 inch) with corrosion reactivating

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 2: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch) with corrosion reactivating
2	Corrosion	1	Span 5 Beam 2: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 2.5 inch x 8 inch) with corrosion reactivating

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 3: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 8 inch) with corrosion reactivating
2	Corrosion	1	Span 5 Beam 3: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch) with corrosion reactivating

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 4: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 7 inch x 1 inch) with corrosion reactivating
2	Corrosion	1	Span 5 Beam 4: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 14 inch) with corrosion reactivating

3322 **Left Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	35	Span 5 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS

3322 **Right Retrofit Bridge Rail** Retrofitted Metal Rail

? PAR Submitted 1 Routine Maintenance 2 Priority 24 Month 3 Priority 12 Month 4 Assigned Critical Find

Priority Actions Request

Structure Number **500101**

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	50	Span 5 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span6

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 6 Deck: (PAR) BAY 3 FAR DIAPHRAGM ADJACENT TO BEAM 4 SPALL WITH EXPOSED REBAR 18 INCHES X 7 INCHES X 3 INCH DEEP WITH 10 PERCENT SECTION LOSS.
2	Exposed Rebar	6	Span 6 Deck: (PAR) bay 2 end diaphragm at bent 5, failed patch/delamination (6 foot x 16 inch x 3 inch deep) with exposed rusted rebar (approximately 100 percent loss)
2	Exposed Rebar	1	Span 6 Deck: (PAR) 12 INCHES WIDE X 9 INCHES LONG X 14 INCHES HIGH SPALL IN SOUTH FACE WITH EXPOSED REINFORCEMENT IN BAY 2 AT BENT 6. 10 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.
2	Exposed Rebar	3	Span 6 Deck: (PAR) 4 FEET WIDE X 10 INCHES LONG X UP TO 6 INCHES HIGH AREA OF UNSOUND CONCRETE AND SPALL WITH EXPOSED REINFORCEMENT IN BAY 3 END DIAPHRAGM AT BENT 6. 10 PERCENT SECTION LOSS IN EXPOSED REBAR.

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 6 Beam 1: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 2 inch x 9 inch)
2	Corrosion	1	Span 6 Beam 1: (PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (1/4 inch average remaining x 7 inch x 8 inch) with corrosion hole (up to 1/8 inch diameter) and corrosion reactivating

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 6 Beam 2: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating
2	Corrosion	1	Span 6 Beam 2: (PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 6 Beam 3: (PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 10 inch x 2 foot)
2	Corrosion	1	Span 6 Beam 3: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating

Priority Actions Request

Structure Number **500101**

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 6 Beam 4: (PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 8 inch x 7 inch)
2	Corrosion	1	Span 6 Beam 4: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 5 inch x 1 inch) with corrosion reactivating

3322 **Left Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	20	Span 6 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH AND THROUGH HOLES UP TO 4 INCH X 2 INCH AND UP TO 5 INCHES DEFLECTION TOWARDS WEST TO THE SUPPLEMENTAL BRIDGE RAIL FOR 20 FEET LONG STARTING AT BENT 6. TWO (3) SPACER BLOCKS CONNECTING THE GUARDRAIL TO POSTS ARE PARTIALLY CRUSHED.

3322 **Right Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	50	Span 6 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span7

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 7 Deck: (PAR) underside in bay 3 near midspan, spall/delamination (30 inch x 20 inch x 2 inch deep) with exposed rusted rebar (approximately 85 percent remaining)
2	Delamination/Spall	4	Span 7 Deck: (PAR) 24 INCHES LONG X 2 FEET WIDE X UP TO 4 INCHES DEEP DELAMINATION/SPALL WITH EXPOSED REINFORCING, UNDERSIDE OF EAST OVERHANG AT 4TH DRAIN. UP TO 5 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 7 Beam 1: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch)
2	Corrosion	1	Span 7 Beam 1: (PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 10 inch)

3314 **Beam 2** Plate Girder

Priority Actions Request

Structure Number **500101**

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 7 Beam 2: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch)
2	Corrosion	1	Span 7 Beam 2: (PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 7 inch x 10 inch)

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 7 Beam 3: (PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 7 inch x 4 inch)
2	Corrosion	1	Span 7 Beam 3: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 1 inch) with corrosion reactivating

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 7 Beam 4: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 1 inch x 24 inch)
2	Corrosion	1	Span 7 Beam 4: (PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch) with corrosion reactivating

3322 **Left Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	20	Span 7 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

3322 **Right Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	50	Span 7 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span8

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 8 Beam 1: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 1 inch x 10 inch)

? PAR Submitted 1 Routine Maintenance 2 Priority 24 Month 3 Priority 12 Month 4 Assigned Critical Find

Priority Actions Request

Structure Number **500101**

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 8 Beam 2: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 10 inch) with corrosion reactivating

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 8 Beam 3: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 8 inch) with corrosion reactivating

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 8 Beam 4: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 13 inch)

3322 **Left Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	23	Span 8 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

3322 **Right Retrofit Bridge Rail** Retrofitted Metal Rail

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	0	Span 8 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Bent 3

3348 **Pile 7** Other Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Bent 3 Pile 7: (PAR) starting at cap, east and south faces, delamination/spall (16 foot x 18 inch x 2 inch deep) with exposed rusted rebar (approximately 80 percent remaining) and cracks (up to 1/32 inch)

? PAR Submitted 1 Routine Maintenance 2 Priority 24 Month 3 Priority 12 Month 4 Assigned Critical Find

Element Condition and Maintenance Data

Structure Number: **500101** Inspection Date: **06/12/2025**

Span 1 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,587	485	1,096	6	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 12	Exposed Rebar	(PAR) FAR END DIAPHRAGM AT RIGHT OVERHANG SPALL WITH EXPOSED REBAR 6 INCHES X 2 FEET X 4 INCH DEEP, 5 PERCENT SECTION LOSS.	3		1	Square Feet
☑ 12	Exposed Rebar	(PAR) UP TO 12 INCHES DIAMETER X 1.5 INCHES DEEP SPALLS WITH EXPOSED REBAR WITH 5 PERCENT SECTION LOSS AT DRAINS 3 AND 4 IN LEFT OVERHANG.	3	2	2	Square Feet
☑ 12	Exposed Rebar	(PAR) TWO (2) UP TO 8 INCHES DIAMETER X 3/4 INCH DEEP SPALLS WITH EXPOSED REBAR, 5 PERCENT SECTION LOSS, UNDERSIDE OF BAY 1 END DIAPHRAGM, AT BENT 1.	3		1	Square Feet
☑ 12	Exposed Rebar	(PAR) BAY 2 FAR DIAPHRAGM ADJACENT TO BEAM 2 AREA OF DELAMINATION AND SPALLING WITH EXPOSED REBAR 1.5 FEET X 8 INCHES X UP TO 3 INCHES DEEP, 5 PERCENT SECTION LOSS.	3		2	Square Feet
☑ 12	Exposed Rebar	(PAR) UP TO 1 FOOT WIDE X 9 INCHES LONG X UP TO 1 INCH DEEP SPALL WITH EXPOSED REINFORCEMENT IN RIGHT OVERHANG, LOCATED AT THIRD DRAIN PIPE. 15 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.	3	1	1	Square Feet
☑ 12	Patched Areas	5 FEET WIDE X 1 FOOT HIGH UNSOUND CONCRETE PATCH IN BAY 3 END DIAPHRAGM, AT BENT 1. PATCH EXHIBITS A 1/8 INCH X 3 FEET LONG CRACK IN BOTTOM RIGHT CORNER. 3 FEET X 6 INCHES AREA OF DELAMINATION.	3		5	Square Feet
☑ 12	Delamination/Spall	TWO (2) 12 INCHES DIAMETER X 1/2 INCH DEEP DELAMINATIONS/SPALLS, UNDERSIDE OF WEST OVERHANG, AT DRAIN 6.	3	2	2	Square Feet
☑ 12	Delamination/Spall	underside of deck in bay 2, adjacent to 1st intermediate diaphragm from end bent 1, spall/delamination (8 inch diameter x 1 inch deep)	3	1	1	Square Feet
☑ 12	Patched Areas	NEAR END BENT 1 IN BOTH LANES PATCHES UP TO 6 FEET X 6 FEET WITH CRACKS (HAIRLINE)	2	75		Square Feet
☑ 12	Patched Areas	4 FEET LONG X 8 INCHES HIGH SOUND CONCRETE PATCH IN BAY 2 END DIAPHRAGM, AT BENT 1.	2			Square Feet
☑ 12	Delamination/Spall	5 INCHES DIAMETER X UP TO 1/2 INCH DEEP SPALL IN WEST FACE AT MID SPAN.	2	1	1	Square Feet
☑ 12	Abrasion/Wear (PSC/RC)	throughout top of deck, wear with secure aggregate at random	2	500		Square Feet
☑ 12	Cracking (RC and Other)	UP TO 0.03 INCH WIDE X UP TO 3 FEET LONG TRANSVERSE CRACKS IN RIGHT OVERHANG.	2	20	20	Square Feet
☑ 12	Cracking (RC and Other)	UP TO 5 FEET LONG X 1/32 INCH WIDE LONGITUDINAL AND DIAGONAL CRACKS IN BOTH TRAVEL LANES, SCATTERED.	2	50	50	Square Feet
☑ 12	Cracking (RC and Other)	UP TO 0.02 INCH WIDE RANDOM CRACKING SOME WITH EFFLORESCENCE IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT.	2	450	450	Square Feet

☑ **12**	Exposed Rebar	(combined with other notes 2025) FAR END DIAPHRAGM AT RIGHT OVERHANG SPALL WITH EXPOSED REBAR 6 INCHES X 2 FEET X 6 INCHES, 5 PERCENT SECTION LOSS.	1	1	Square Feet	
☐ **12**	Exposed Rebar	UP TO 6 INCHES DIAMETER X UP TO 1 INCH DEEP SPALL WITH EXPOSED REINFORCEMENT AT THIRD DRAIN PIPE IN LEFT OVERHANG. UP TO 90 PERCENT SECTION REMAINING IN EXPOSED REINFORCEMENT. (DUPLICATE)	1		Square Feet	
☑ **12**	Patched Areas	(combined with other notes 2025) 4 FEET LONG X 3 FEET WIDE UNSOUND CONCRETE PATCH WITH 1/16 INCH WIDE X 3 FEET LONG CRACKS EXTENDING FROM THIS PATCH IN RIGHT LANE AT END BENT 1.	1		Square Feet	

General Comments

Span 1 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	49	0	1	0	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	at bent 1, web adjacent to end diaphragm, painted over section loss (9/16 inch average remaining x 7 inch x 16 inch) with corrosion reactivating	3	1	1	Feet
☑ **107**	Corrosion	(2025 incorrect location) BOLTED PLATE REPAIR TO BOTH SIDES OF WEB FOR BEAM 1 IN SPAN 3 AT BENT 3.	1			Feet

General Comments

Span 1 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	49	0	0	1	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch)	4	1	1	Feet

General Comments

Span 1 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	49	0	0	1	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☑ **107**	Corrosion	(PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 18 inch)	4	1	1	Feet

General Comments

Span 1 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	49	0	0	1	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 1, painted over section loss: web adjacent to end diaphragm (7/16 inch average remaining x 8 inch x 24 inch); bottom flange (0.87 inch average remaining x 5 inch)	4	1	1	Feet
☑ **107**	Corrosion	(2025 incorrect location) BOLTED PLATE REPAIR TO BOTH SIDES OF WEB FOR BEAM 1 IN SPAN 3 AT BENT 3.	1			Feet

General Comments

Span 1 Near Bearing 1

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 1 Near Bearing 2

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 1 Near Bearing 3

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 1 Near Bearing 4

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 1 Far Bearing 1

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 1 Far Bearing 2

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (approximately 85 percent remaining) with corrosion reactivating	3	1	1	Each

General Comments

Span 1 — Far Bearing 3

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 311	Corrosion	painted over section loss (approximately 85 percent remaining) with corrosion reactivating	3	1	1	Each
☑ 515	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 1 — Far Bearing 4

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 311	Corrosion	painted over section loss (approximately 85 percent remaining)	3	1	1	Each

General Comments

Span 1 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	51	31	20	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 331	Patched Area	6 INCH DIAMETER SOUND PATCHES AT ANCHOR BOLT CONNECTIONS TO RETROFIT RAIL	2	5		Square Feet
☑ 331	Patched Area	BEGINNING 15 FEET FROM END BENT 1, 15 FEET LONG AREA OF SOUND PATCHING TO RAIL	2	15		Square Feet
☑ 331	Delamination/Spall	(combined with other notes 2025) 6 INCH DIAMETER X 1 INCH DEEP SPALLS IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION TO RETROFIT RAIL AT ISOLATED LOCATIONS	1			Feet

General Comments

Span 1 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	51	26	20	5	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☑ **331**	Delamination/Spall	4 INCH X 3 INCH X 1 INCH DEEP SPALLS IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION TO RETROFIT RAIL AT ISOLATED LOCATIONS	3	5	5	Feet
☑ **331**	Patched Area	BEGINNING 8 FEET FROM END BENT 1, 20 FEET OF SOUND PATCHING WITH CRACKS (HAIRLINE) AND EFFLORESCENCE	2	20		Square Feet

General Comments

Span 1 — Left Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	51	1	0	50	0	Feet
515	Steel Protective Coating	51	51	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	50	50	Feet

General Comments

Span 1 — Right Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	51	31	0	20	0	Feet
515	Steel Protective Coating	51	51	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	20	20	Feet

General Comments

Span 2 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,675	741	925	9	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **12**	Exposed Rebar	(PAR) RIGHT OVERHANG SOFFIT NEAR MIDSPAN SPALL WITH EXPOSED REBAR 6 INCHES DIAMETER X 1 INCH DEEP, 5 PERCENT SECTION LOSS.	3	1	1	Square Feet
☑ **12**	Exposed Rebar	(PAR) RIGHT OVERHANG SOFFIT AT RAIL POST 2, 1 FOOT DIAMETER X 1.5 INCHES DEEP SPALL WITH EXPOSED REBAR. 5 PERCENT SECTION LOSS.	3	1	1	Square Feet

Structure Number: **500101** Inspection Date: **06/12/2025**

☑ **12**	Exposed Rebar	(PAR) 15 FEET FROM BENT 2 IN LEFT OVERHANG SOFFIT SPALL WITH EXPOSED REBAR 6 INCHES X 8 INCHES X 1 INCH DEEP 5 PERCENT SECTION LOSS.	3	1	1	Square Feet
☑ **12**	Exposed Rebar	(PAR) UP TO 1.5 FEET WIDE X 4 INCHES HIGH X UP TO 4 INCHES DEEP SPALL WITH EXPOSED REBAR, 5 PERCENT SECTION LOSS IN DIAPHRAGM IN BAY 3 AT BENT 1.	3		2	Square Feet
☑ **12**	Patched Areas	82 INCHES WIDE X 1 FOOT HIGH UNSOUND CONCRETE PATCH AREA, BAY 2 END DIAPHRAGM, AT BENT 1.	3		7	Square Feet
☑ **12**	Delamination/Spall	RIGHT OVERHANG SOFFIT NEAR DRAIN 3, 4 INCHES X 8 INCHES X 1/2 INCH DEEP SPALL.	3	1	1	Square Feet
☑ **12**	Delamination/Spall	FIVE (5) UP TO 6 INCHES DIAMETER AREA OF UNSOUND CONCRETE IN UNDERSIDE OF WEST OVERHANG, SCATTERED.	3	5	5	Square Feet
☑ **12**	Delamination/Spall	BAY 3 FAR DIAPHRAGM ADJACENT TO PATCH AREA OF DELAMINATION AND CRACKING 3 FEET X 9 INCHES, CRACKING UP TO 1/8 INCH.	3		3	Square Feet
☑ **12**	Delamination/Spall	TWO (2) AREAS OF UNSOUND CONCRETE UP TO 2.5 FEET LONG X 1 FOOT HIGH WITH SPALLING UP TO 5 INCHES DIAMETER X UP TO 4 INCHES DEEP IN END DIAPHRAGM IN BAY 1 AT BENT 1.	3		4	Square Feet
☑ **12**	Delamination/Spall	THREE (3) 6 INCHES DIAMETER X 3/4 INCH DEEP SPALLS WITH EXPOSED REINFORCING AND AREA OF DELAMINATION 3 FEET X 7 INCHES, UNDERSIDE AND FACE OF BAY 1 END DIAPHRAGM, AT BENT 2.	3		3	Square Feet
☑ **12**	Cracking (RC and Other)	9 FEET LONG X 1 FOOT HIGH CONCRETE PATCH, BAY 2 END DIAPHRAGM, AT BENT 2. PATCH EXHIBITS UP TO 1/8 INCH WIDE X 5 FEET LONG CRACK IN THE BOTTOM FACE WITH A 5 FEET LONG X 5 INCHES WIDE UNSOUND CONCRETE AND UP TO 0.02 INCH WIDE VERTICAL CRACKS IN FRONT FACE, SCATTERED.	3		9	Square Feet
☑ **12**	Patched Areas	1 FOOT DIAMETER SOUND CONCRETE PATCH IN DIAPHRAGM OUTSIDE OF BEAM 1 AT BENT 1.	2			Square Feet
☑ **12**	Patched Areas	40 INCHES WIDE X 1 FOOT HIGH UNSOUND CONCRETE PATCH IN BAY 1 END DIAPHRAGM, AT BENT 1.	2			Square Feet
☑ **12**	Patched Areas	80 INCHES LONG X 1 FOOT HIGH UNSOUND CONCRETE PATCH IN BAY 3 END DIAPHRAGM, AT BENT 2.	2			Square Feet
☑ **12**	Patched Areas	1 FOOT WIDE X 2 FEET HIGH SOUND CONCRETE PATCH IN DIAPHRAGM OUTSIDE OF BEAM 4 AT BENT 2.	2			Square Feet
☐ **12**	Patched Areas	80 INCHES WIDE X 1 FOOT HIGH SOUND CONCRETE PATCH IN BAY 3 END DIAPHRAGM, AT BENT 2. DUPLICATE, NOT OBSERVED	2			Square Feet
☑ **12**	Abrasion/Wear (PSC/RC)	throughout top of deck, wear with secure aggregate at random	2	500		Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.02 INCH WIDE RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT.	2	250	250	Square Feet
☑ **12**	Cracking (RC and Other)	throughout top of deck, longitudinal and transverse cracks (up to 1/32 inch x 16 foot) at random	2	100	100	Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE X UP TO 3 FEET LONG TRANSVERSE CRACKS IN LEFT OVERHANG. SIMILAR CRACKS IN RIGHT OVERHANG.	2	75	75	Square Feet
☑ **12**	Exposed Rebar	(combined with other notes 2025) 5 INCHES DIAMETER X 1 INCH DEEP SPALL WITH EXPOSED REINFORCEMENT IN DIAPHRAGM IN BAY 3 AT BENT 1. NO SECTION LOSS IN EXPOSED REINFORCEMENT.	1			Square Feet

☐ **12**	Exposed Rebar	THREE (3) 6 INCHES DIAMETER X 1/2 INCH DEEP SPALLS WITH EXPOSED REINFORCING, UNDERSIDE OF BAY 1 END DIAPHRAGM, AT BENT 2. 90 PERCENT SECTION REMAINING IN EXPOSED REINFORCING. (DUPLICATE)	1		Square Feet

General Comments

Span 2 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	46	3	0	1	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 9 inch)	4	1	1	Feet
☑ **107**	Corrosion	2025 new repair (3/8 inch thick x 15.5 inch x 18 inch), previously noted as: 10 INCHES LONG X 5 INCHES WIDE AREA OF SECTION LOSS BENEATH THE PAINTED SURFACE ABOVE THE BEARING AT BENT 2. 0.60 INCH SECTION REMAINING.	2	2		Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet

General Comments

Span 2 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	457	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 1 inch x 7 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 9 inch) with corrosion reactivating	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bents 1 and 2, surface rust	3	2	2	Square Feet

General Comments

Span 2 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 5 inch x 8 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (9/16 inch average remaining x 1 inch x 7 inch)	4	1	1	Feet

General Comments

Span 2 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	47	1	0	2	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 4 inch x 15 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bents 1 and 2, surface rust	3	2	2	Square Feet
☑ **515**	Damage	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR. MOVED TO BEAM 4.	1			Square Feet

General Comments

Span 2 Far Bearing 1

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

☑ **311**	Connection	BOTH ANCHOR BOLTS, MISSING; WELDED BEARING REPAIR WITH ANCHOR ROD.	1		Each

General Comments

Span 2 — Far Bearing 2

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each
☑ **311**	Connection	BOTH ANCHOR BOLTS, MISSING; WELDED BEARING REPAIR WITH ANCHOR ROD.	1			Each

General Comments

Span 2 — Far Bearing 3

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each
☑ **311**	Connection	BOTH ANCHOR BOLTS, MISSING; WELDED BEARING REPAIR WITH ANCHOR ROD.	1			Each

General Comments

Span 2 — Far Bearing 4

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each
☑ **311**	Connection	BOTH ANCHOR BOLTS, MISSING; WELDED BEARING REPAIR WITH ANCHOR ROD.	1			Each

General Comments

Structure Number: **500101** Inspection Date: **06/12/2025**

Span 2 Near Bearing 1

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 2 Near Bearing 2

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 2 Near Bearing 3

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 2 Near Bearing 4

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 2 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	50	49	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Patched Area	LAST RAIL POST, BOTTOM SIDE, SOUND PATCH 1 FOOT X 1 FOOT	2	1		Square Feet

General Comments

Span 2 — Left Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	0	0	50	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	50	50	Feet

General Comments

Span 2 — Right Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	30	0	20	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	20	20	Feet

General Comments

Span 3 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,675	712	954	9	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **12**	Exposed Rebar	(PAR) BAY 1 NEAR DIAPHRAGM ADJACENT TO BEAM 2, SPALL WITH EXPOSED REBAR 3 FEET X 5 INCHES X 3 INCH DEEP, 5 PERCENT SECTION LOSS.	3		3	Square Feet

☑ **12**	Patched Areas	3 FEET LONG X 1 FOOT HIGH UNSOUND CONCRETE PATCH, BAY 1 END DIAPHRAGM, AT BENT 2.	3		3	Square Feet
☑ **12**	Patched Areas	7 FEET LONG X 6 INCHES HIGH UNSOUND CONCRETE PATCH IN BAY 2 END DIAPHRAGM, AT BENT 2.	3		7	Square Feet
☑ **12**	Patched Areas	9 FEET LONG X 1 FOOT HIGH UNSOUND CONCRETE PATCH WITH HAIRLINE CRACKS IN BAY 3 AT BENT 2.	3	9	9	Square Feet
☑ **12**	Delamination/Spall	4 INCHES HIGH X 1 FOOT LONG AREA OF UNSOUND CONCRETE WITH SPALL 4 INCHES DIAMETER X 1 INCH DEEP WITH 1/8 INCH WIDE CRACKS AND EXPOSED STEEL IN END DIAPHRAGM AT BENT 3 UNDER RIGHT OVERHANG.	3		1	Square Feet
☑ **12**	Patched Areas	20 INCHES HIGH X 1 FOOT WIDE SOUND CONCRETE PATCH IN EAST OVERHANG AT BENT 2.	2	2		Square Feet
☑ **12**	Abrasion/Wear (PSC/RC)	throughout top of deck, wear with secure aggregate at random	2	500		Square Feet
☑ **12**	Cracking (RC and Other)	throughout top of deck, longitudinal and transverse cracks (up to 1/32 inch x 16 foot) at random	2	100	100	Square Feet
☑ **12**	Cracking (RC and Other)	7 FEET LONG X 1/64 INCH WIDE DIAGONAL CRACK WITH EFFLORESCENCE IN UNDERSIDE OF DECK, BAY 3 AT BENT 2.	2	7	7	Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE TRANSVERSE AND RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT.	2	300	300	Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE X UP TO 3 FEET LONG TRANSVERSE CRACKS IN LEFT OVERHANG. SIMILAR CRACKS IN RIGHT OVERHANG.	2	45	45	Square Feet
☐ **12**	Exposed Rebar	3 FEET LONG X 6 INCHES HIGH UNSOUND CONCRETE PATCH WITH EXPOSED REINFORCEMENT. 90 PERCENT SECTION REMAINING IN EXPOSED REINFORCEMENT. NOT OBSERVED.	1			Square Feet

General Comments

Span 3 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	42	3	0	5	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 12 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 3, 2 foot from beam end, painted over section loss: lower web (1/2 inch average remaining remaining x 40 inch x 10 inch); bottom flange (0.87 inch x 40 inch)	4	4	4	Feet
☑ **107**	Corrosion	at bent 3, web repair plate (3/8 inch thick x 18 inch x 15 inch)	2	2		Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet
☑ **107**	Corrosion	(combined with other notes 2025) 3.3 FEET LONG X UP TO 5 INCHES HIGH AREA OF RIGHT FACE OF THE WEB AT 1.25 FEET FROM BEAM END AT BENT 3 EXHIBITS SECTION LOSS BENEATH THE PAINTED SURFACE. UP TO 0.56 INCH SECTION REMAINING.	1			Feet

General Comments

Span 3 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	457	0	2	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**107**	Corrosion	(PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 4 inch) with corrosion reactivating	4	1	1	Feet
☑	**107**	Corrosion	(PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 24 inch) with corrosion reactivating	4	1	1	Feet
☑	**515**	Effectiveness (Steel Protective Coatings)	at bents 2 and 3, surface rust	3	2	2	Square Feet

General Comments

Span 3 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**107**	Corrosion	(PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch)	4	1	1	Feet
☑	**107**	Corrosion	(PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 4 inch x 8 inch) with corrosion reactivating	4	1	1	Feet
☑	**515**	Effectiveness (Steel Protective Coatings)	at bent 2, surface rust	3	1	1	Square Feet

General Comments

Span 3 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	47	1	0	2	Feet
515	Steel Protective Coating	459	457	0	2	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**107**	Corrosion	(PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch) with corrosion reactivating	4	1	1	Feet
☑	**107**	Corrosion	(PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 16 inch) with corrosion reactivating	4	1	1	Feet

☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet
☑ **107**	Connection	(not found 2025) RIGHT ANCHOR BOLT NUT LOOSE.	1			Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bents 2 and 3, surface rust	3	2	2	Square Feet

General Comments

Span 3 — Far Bearing 1

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 3 — Far Bearing 2

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 3 — Far Bearing 3

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each
☑ **311**	Connection	LEFT ANCHOR BOLT, PAINTED OVER SECTION LOSS (APPROXIMATELY 20 PERCENT REMAINING); WELDED REPAIR WITH NEW ANCHOR BOLT.	1			Each

General Comments

Span 3 — Far Bearing 4

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 3 — Near Bearing 1

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 3 — Near Bearing 2

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 3 — Near Bearing 3

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 3 — Near Bearing 4

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 3 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	50	47	1	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Delamination/Spall	6 FEET AND 10 FEET FROM BENT 3 JOINT, BOTTOM OF CURB, TWO (2) SPALLS UP TO 8 INCHES DIAMETER X 1 INCH DEEP WITH EXPOSED REINFORCEMENT. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.	3	2	2	Feet
☑ **331**	Delamination/Spall	between posts 7 and 8, outside face, spall (6 inch diameter x 1 inch deep)	2	1	1	Feet

General Comments

Span 3 — Left Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	0	50	0	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	2			Feet
☑ **330**	Distortion	IMPACT SCRAPE MARKS IN RETROFIT RAIL AT SCATTERED LOCATIONS	2	50		Feet

General Comments

Span 3 — Right Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	40	0	10	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet

☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	10	10	Feet

General Comments

Span 4 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,675	469	1,200	6	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **12**	Exposed Rebar	(PAR) 5 FEET LONG X 11 INCHES HIGH UNSOUND CONCRETE PATCH WITH 1/16 INCH WIDE CRACKS AND SPALLS UP TO 3 FEET X FULL WIDTH X 5 INCHES WITH EXPOSED REBAR UP TO 100 PERCENT SECTION LOSS IN BAY 1 AND EXTERIOR END DIAPHRAGM, NEXT TO BEAM 1, AT BENT 4.	4		5	Square Feet
☑ **12**	Exposed Rebar	(PAR) LEFT OVERHANG NEAR MIDSPAN 2 SPALLS WITH EXPOSED REBAR UP TO 10 INCHES DIAMETER X 1 INCH DEEP, 5 PERCENT SECTION LOSS.	3	2	2	Square Feet
☑ **12**	Patched Areas	4 FEET LONG X 6 INCHES HIGH SOUND CONCRETE PATCH WITH HAIRLINE VERTICAL CRACKS IN BAY 2 AT BENT 3.	3	4	4	Square Feet
☑ **12**	Cracking (RC and Other)	bay 2 end diaphragm at bent 3, adjacent to beam 3, delamination (22 inch x 8) with crack (1/4 inch)	3		1	Square Feet
☑ **12**	Patched Areas	3 FEET LONG X 2 FEET WIDE SOUND CONCRETE PATCH IN LEFT TRAVEL LANE AT BENT 4.	2	3		Square Feet
☑ **12**	Patched Areas	2.5 FEET LONG X 6 INCHES HIGH SOUND CONCRETE PATCH WITH HAIRLINE VERTICAL CRACKS IN BAY 1 ABOVE BENT 3.	2	3		Square Feet
☑ **12**	Delamination/Spall	7 FEET LONG X 2 FEET LONG AREA OF HONEYCOMBING LOCATED IN BAYS 1 AND 2 NEAR MIDSPAN.	2	14	14	Square Feet
☑ **12**	Abrasion/Wear (PSC/RC)	throughout top of deck, wear with secure aggregate at random	2	500		Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE X UP TO 3 FEET LONG TRANSVERSE CRACKS IN LEFT OVERHANG.	2	30	30	Square Feet
☑ **12**	Cracking (RC and Other)	throughout top of deck, longitudinal and transverse cracks (up top 1/32 inch x 16 foot) at random	2	100	100	Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE TRANSVERSE AND RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SOME WITH EFFLORESCENCE, SCATTERED THROUGHOUT.	2	550	550	Square Feet
☑ **12**	Exposed Rebar	(combined with other notes 2025) 2 INCHES WIDE X 7 INCHES LONG X UP TO 2 INCHES DEEP SPALLS AND HONEYCOMBING WITH EXPOSED REBAR IN BOTTOM OF DIAPHRAGM IN BAY 1 AT BENT 4. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.	1			Square Feet
☑ **12**	Delamination/Spall	(combined with other notes 2025) LEFT OVERHANG AT 5TH DRAIN SPALL 8 INCHES X 1 INCH X 1/4 INCH	1			Square Feet
☑ **12**	Delamination/Spall	(combined with other notes 2025) BAY 2 NEAR DIAPHRAGM ADJACENT TO BEAM 3 AREA OF DELAMINATION 2 FEET X FULL WIDTH WITH 3/16 INCH CRACK.	1			Square Feet

General Comments

Span 4 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	47	1	0	2	Feet
515	Steel Protective Coating	459	457	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 6 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 16 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bents 3 and 4, surface rust	3	2	2	Square Feet

General Comments

Span 4 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	1	1	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 4 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	at bent 4, web adjacent to end diaphragm, painted over section loss (9/16 inch average remaining x 7 inch x 1 inch)	3	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 3, surface rust	3	1	1	Square Feet

General Comments

Span 4 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 3 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 7 inch) with corrosion reactivating	4	1	1	Feet

☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 4, surface rust	3	1	1	Square Feet	

General Comments

Span 4 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	47	1	0	2	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 1 inch x 18 inch) with corrosion reactivating	4	1		Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 4, surface rust	3	1	1	Square Feet

General Comments

Span 4 Far Bearing 1

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 4 Far Bearing 2

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 4 — Far Bearing 3

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 4 — Far Bearing 4

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 4 — Near Bearing 1

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 4 — Near Bearing 2

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 4 — Near Bearing 3

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 4 — Near Bearing 4

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 4 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	50	49	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Delamination/Spall	AT 3RD POST FROM BENT 3, 6 INCH DIAMETER X 1 INCH DEEP SPALL IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION TO RETROFIT RAIL	2	1	1	Feet

General Comments

Span 4 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	50	50	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Delamination/Spall	(not found 2025) AT MIDSPAN EXTERIOR FACE, 1.5 FEET LONG X 9 INCHES HIGH X UP TO 1.5 INCHES DEEP SPALL	1			Feet

General Comments

Span 4 — Left Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	0	0	50	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	50	50	Feet

General Comments

Span 4 — Right Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	25	0	25	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	25	25	Feet

General Comments

Span 5 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,675	531	1,143	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **12**	Exposed Rebar	(PAR) BAY 3 FAR DIAPHRAGM ADJACENT TO BEAM 3 AREA OF SPALLING AND DELAMINATION 2 FEET X 4 INCHES X UP TO 3 INCHES DEEP WITH EXPOSED RUSTED REBAR (APPROXIMATELY 80 PERCENT REMAINING)	3		2	Square Feet
☑ **12**	Patched Areas	3 FEET LONG X 11 INCHES HIGH UNSOUND CONCRETE PATCH WITH 1/8 INCH WIDE HORIZONTAL CRACK, BAY 2 END DIAPHRAGM, NEXT TO BEAM 2, AT BENT 4.	3		3	Square Feet
☑ **12**	Patched Areas	8 FEET LONG X 6 INCHES HIGH SOUND CONCRETE PATCH WITH CRACKS UP TO 1/64 INCH WIDE AND DELAMINATION 3 FEET X 6 INCHES IN BAY 2 END DIAPHRAGM, AT BENT 5.	3		8	Square Feet
☑ **12**	Delamination/Spall	LEFT OVERHANG AT 5TH DRAIN SPALL 8 INCHES X 1 INCH X 1/4 INCH DEEP	3	1	1	Square Feet
☑ **12**	Delamination/Spall	6 FEET LONG X 3 FEET WIDE X UP TO 3/4 INCH DEEP AREA OF HONEYCOMBING IN BAY 3 NEAR BENT 5.	2	18	18	Square Feet

☑ **12**	Abrasion/Wear (PSC/RC)	throughout top of deck, wear with secure aggregate at random	2	500		Square Feet
☑ **12**	Cracking (RC and Other)	throughout top of deck, longitudinal and transverse cracks (up to 1/32 inch x 16 foot) at random	2	100	100	Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 1/32 INCH WIDE RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SOME WITH EFFLORESCENCE, SCATTERED THROUGHOUT.	2	450	450	Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE X UP TO 3 FEET LONG TRANSVERSE CRACKS IN LEFT OVERHANG, SOME WITH EFFLORESCENCE. SIMILAR CRACKS IN RIGHT OVERHANG.	2	75	75	Square Feet

General Comments

Span 5 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	47	2	0	1	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 10 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	at bent 4, web repair plate, (3/8 inch thick x 15.5 inch x 17 3/4 inch)	2	1		Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 5, surface rust	3	1	1	Square Feet

General Comments

Span 5 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 2.5 inch x 8 inch) with corrosion reactivating	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bents 4 and 5, surface rust	3	1	1	Square Feet

General Comments

Span 5 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	457	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 8 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch) with corrosion reactivating	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bents 4 and 5, surface rust	3	2	2	Square Feet

General Comments

Span 5 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	47	1	0	2	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 7 inch x 1 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 14 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bents 4 and 5, surface rust	3	1	1	Square Feet

General Comments

Span 5 Far Bearing 1

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 5 — Far Bearing 2

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 5 — Far Bearing 3

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 5 — Far Bearing 4

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 5 — Near Bearing 1

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 5 Near Bearing 2

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 5 Near Bearing 3

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 5 Near Bearing 4

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 5 Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	50	48	1	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Delamination/Spall	SECOND POST FROM BENT 5, 6 INCH DIAMETER X 1.5 INCH DEEP SPALL IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION TO RETROFIT RAIL	3	1	1	Feet
☑ **331**	Delamination/Spall	BOTTOM OF CURB NEAR BENT 5 JOINT, (2) UP TO 6 INCH DIAMETER X 1 INCH DEEP SPALL WITH EXPOSED PAINTED REBAR	2	1	1	Feet
☑ **331**	Patched Area	(not found 2025) BOTTOM OF CURB 10 FEET FROM BENT 5, 6 INCH DIAMETER SOUND PATCH	1			Square Feet

General Comments

Span 5 Left Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	15	0	35	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	35	35	Feet

General Comments

Span 5 Right Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	0	0	50	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	50	50	Feet

General Comments

Span 6 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,675	775	898	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **12**	Exposed Rebar	(PAR) bay 2 end diaphragm at bent 5, failed patch/delamination (6 foot x 16 inch x 3 inch deep) with exposed rusted rebar (approximately 100 percent section loss)	4		6	Square Feet
☑ **12**	Exposed Rebar	(PAR) BAY 3 FAR DIAPHRAGM ADJACENT TO BEAM 4 SPALL WITH EXPOSED REBAR 18 INCHES X 7 INCHES X 3 INCH DEEP WITH 10 PERCENT SECTION LOSS.	3		2	Square Feet
☑ **12**	Exposed Rebar	(PAR) 12 INCHES WIDE X 9 INCHES LONG X 14 INCHES HIGH SPALL IN SOUTH FACE WITH EXPOSED REINFORCEMENT IN BAY 2 AT BENT 6. 10 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.	3		1	Square Feet

☑ **12**	Exposed Rebar	(PAR) 4 FEET WIDE X 10 INCHES LONG X UP TO 6 INCHES HIGH AREA OF UNSOUND CONCRETE AND SPALL WITH EXPOSED REINFORCEMENT IN BAY 3 END DIAPHRAGM AT BENT 6. 10 PERCENT SECTION LOSS IN EXPOSED REBAR.	3		3	Square Feet
☑ **12**	Delamination/Spall	BAY 1 NEAR BENT 6 AREA OF SPALL/DELAMINATION 18 INCHES DIAMETER X 1/2 INCH DEEP.	3	2	2	Square Feet
☑ **12**	Patched Areas	30 INCHES LONG X 6 INCHES HIGH SOUND CONCRETE PATCH IN BAY 1 END DIAPHRAGM, AT BENT 6.	2			Square Feet
☑ **12**	Patched Areas	18 INCHES DIAMETER SOUND CONCRETE PATCH IN EAST OVERHANG BETWEEN 5TH AND 6TH DECK DRAINS.	2	2		Square Feet
☑ **12**	Patched Areas	2 FEET HIGH X 1 FOOT WIDE SOUND CONCRETE PATCH IN END DIAPHRAGM OUTSIDE BEAM 1 AT BENT 6.	2			Square Feet
☑ **12**	Patched Areas	12 INCHES DIAMETER SOUND CONCRETE PATCH WITH ADJACENT DELAMINATION (18 INCH X 18 INCH) AT 2ND DRAIN PIPE IN EAST OVERHANG.	2			Square Feet
☑ **12**	Delamination/Spall	SCATTERED AREAS OF HONEYCOMBING UP TO 1/4 INCH DEEP IN DECK UNDERSIDE IN ALL BAYS.	2	150		Square Feet
☑ **12**	Delamination/Spall	THREE (3) AREAS OF DELAMINATED CONCRETE UP TO 18 INCH X 10 INCH IN EAST OVERHANG AT BENT 6.	2	5	5	Square Feet
☑ **12**	Abrasion/Wear (PSC/RC)	throughout top of deck, wear with secure aggregate at random	2	500		Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE CRACKS IN DECK UNDERSIDE, SCATTERED IN ALL BAYS.	2	1	1	Square Feet
☑ **12**	Cracking (RC and Other)	throughout top of deck, longitudinal and transverse cracks (up to 1/32 x 16 foot) at random	2	100	100	Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE X UP TO 3 FEET LONG TRANSVERSE CRACKS IN LEFT OVERHANG. RIGHT OVERHANG TYPICAL.	2	50	50	Square Feet
☑ **12**	Efflorescence/Rust Staining	8 FEET LONG X HAIRLINE TRANSVERSE CRACKS WITH EFFLORESCENCE, UNDERSIDE OF DECK, AT RANDOM THROUGHOUT BAY 1. SIMILAR IN BAY 3.	2	90		Square Feet
☑ **12**	Patched Areas	(not found 2025) 12 INCHES DIAMETER SOUND CONCRETE PATCH IN EAST OVERHANG AT DRAIN ONE.	1			Square Feet

General Comments

Span 6 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	46	2	0	2	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 2 inch x 9 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (1/4 inch average remaining x 7 inch x 8 inch) with corrosion hole (up to 1/8 inch diameter) and corrosion reactivating	4	1	1	Feet

☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	2		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 6, surface rust	3	1	1	Square Feet

General Comments

Span 6 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	457	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bents 5 and 6, surface rust	3	2	2	Square Feet

General Comments

Span 6 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	457	0	1	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 10 inch x 2 foot)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 6, corrosion with section loss	4	1	1	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 5, surface rust	3	1	1	Square Feet

General Comments

Span 6 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	46	2	0	2	Feet
515	Steel Protective Coating	459	457	0	1	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 8 inch x 7 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 5 inch x 1 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	2		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 6, corrosion with section loss	4	1	1	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 5, surface rust	3	1	1	Square Feet

General Comments

Span 6 Far Bearing 1

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each
☑ **311**	Connection	LEFT ANCHOR BOLT, MISSING BEARING ASSEMBLY HAS WELDED REPAIR WITH ADDED ANCHOR BOLT.	1			Each

General Comments

Span 6 Far Bearing 2

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each
☑ **311**	Connection	LEFT ANCHOR BOLT, PAINTED OVER SECTION LOSS (APPROXIMATELY 40 PERCCENT REMAINING; BEARING ASSEMBLY HAS WELDED REPAIR WITH NEW ANCHOR BOLT.	1			Each

General Comments

Span 6 — Far Bearing 3

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each
☑ **311**	Connection	BOTH ANCHOR BOLTS, MISSING; BEARING ASSEMBLY HAS WELDED REPAIR WITH NEW ANCHOR BOLT.	1			Each

General Comments

Span 6 — Far Bearing 4

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each
☑ **311**	Connection	LEFT ANCHOR BOLT, MISSING; BEARING ASSEMBLY HAS WELDED REPAIR WITH NEW ANCHOR BOLT.	1			Each

General Comments

Span 6 — Near Bearing 1

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 6 — Near Bearing 2

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 6 Near Bearing 3

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 6 Near Bearing 4

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 6 Left Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	30	0	20	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH AND THROUGH HOLES UP TO 4 INCH X 2 INCH AND UP TO 5 INCHES DEFLECTION TOWARDS WEST TO THE SUPPLEMENTAL BRIDGE RAIL FOR 20 FEET LONG STARTING AT BENT 6. TWO (2) SPACER BLOCKS CONNECTING THE GUARDRAIL TO POSTS ARE PARTIALLY CRUSHED.	3	20	20	Feet

General Comments

Span 6 — Right Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	0	0	50	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	50	50	Feet

General Comments

Span 7 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,675	316	1,338	21	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **12**	Patched Areas	bay 3 end diaphragm at bent 6, failed patch (5 foot x 19 inch x 4 inch deep) with exposed rusted rebar	3		5	Square Feet
☑ **12**	Patched Areas	AT BENT 7 BAY 3 DIAPHRAGM UNSOUND PATCH 7 FEET X 1 FOOT WITH 45 INCH X 18 INCH AREA OF DELAMINATION AND CRACKS UP TO 1/32 INCH	3	7	7	Square Feet
☑ **12**	Patched Areas	8 FEET LONG X 6 INCHES HIGH UNSOUND CONCRETE PATCHED AREA WITH UP TO 0.02 INCH WIDE VERTICAL AND HORIZONTAL CRACKS IN BAY 2 END DIAPHRAGM, AT BENT 6.	3		8	Square Feet
☑ **12**	Delamination/Spall	underside in bay 2, near midspan, delamination/failed patch (3 foot x 26 inch)	3	7	7	Square Feet
☑ **12**	Delamination/Spall	(PAR) underside in bay 3 near midspan, spall/delamination (30 inch x 20 inch x 2 inch deep) with exposed rusted rebar (approximately 85 percent remaining)	3	3	3	Square Feet
☑ **12**	Delamination/Spall	(PAR) 24 INCHES LONG X 2 FEET WIDE X UP TO 4 INCHES DEEP DELAMINATION/SPALL WITH EXPOSED REINFORCING, UNDERSIDE OF EAST OVERHANG AT 4TH DRAIN. UP TO 5 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.	3	4	4	Square Feet
☑ **12**	Patched Areas	WEST OVERHANG AT MIDSPAN 3 FEET X 15 INCHES AREA OF SOUND PATCH.	2	6		Square Feet
☑ **12**	Patched Areas	18 INCHES DIAMETER SOUND CONCRETE PATCH IN EAST OVERHANG AT THIRD DRAIN PIPE.	2	2		Square Feet
☑ **12**	Patched Areas	75 SQUARE FEET OF PATCHED AREA, UNDERSIDE OF DECK, AT RANDOM THROUGHOUT ALL BAYS.	2	75		Square Feet
☑ **12**	Patched Areas	2 FEET HIGH X 1 FOOT WIDE SOUND CONCRETE PATCH IN DIAPHRAGM OUTSIDE BEAM 4 AT BENT 7.	2			Square Feet
☑ **12**	Patched Areas	20 INCHES WIDE X 18 INCHES HIGH SOUND CONCRETE PATCHED AREA, BAY 1 END DIAPHRAGM, OVER BENT 7, NEXT TO BEAM 2.	2			Square Feet
☑ **12**	Delamination/Spall	SCATTERED AREAS OF HONEYCOMBING UP TO 3/4 INCH DEEP IN DECK UNDERSIDE IN ALL BAYS.	2	300	300	Square Feet
☑ **12**	Abrasion/Wear (PSC/RC)	throughout top of deck, wear with secure aggregate at random	2	500		Square Feet

☑ **12**	Cracking (RC and Other)	UP TO 0.02 INCH WIDE RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT.	2	300	300	Square Feet
☑ **12**	Cracking (RC and Other)	throughout top of deck, longitudinal and transverse cracks (up to 1/32 inch x 16 foot) at random	2	100		Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE X UP TO 3 FEET LONG TRANSVERSE CRACKS IN LEFT OVERHANG. RIGHT OVERHANG TYPICAL.	2	55	55	Square Feet
☑ **12**	Exposed Rebar	(combined with other notes 2025) 18 INCHES LONG X 6 INCHES HIGH X 12 INCHES WIDE SPALL WITH EXPOSED REBAR IN BAY 3 END DIAPHRAGM AT BENT 6. 10 PERCENT SECTION LOSS IN THE EXPSOSED REBAR.	1			Square Feet
☑ **12**	Patched Areas	(combined with other notes 2025) 6 FEET LONG X 12 INCHES HIGH SOUND CONCRETE PATCH BOTTOM OF BAY 3 END DIAPHRAGM, NEXT TO BEAM 3, AT BENT 6. PATCH EXHIBITS UP TO 0.03 INCH WIDE VERTICAL CRACKS, SCATTERED.	1			Square Feet

General Comments

Span 7 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	47	1	0	2	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 10 inch)	4	1	1	Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM A BRIDGE REPAIR.	2	1		Feet

General Comments

Span 7 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	458	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 7 inch x 10 inch)	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 6, corrosion with section loss	4	1	1	Square Feet

General Comments

Span 7 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	48	0	0	2	Feet
515	Steel Protective Coating	459	457	0	1	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 7 inch x 4 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 1 inch) with corrosion reactivating	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 6, corrosion with section loss	4	1	1	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 7, surface rust	3	1	1	Square Feet

General Comments

Span 7 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	46	2	0	2	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 1 inch x 24 inch)	4	1	1	Feet
☑ **107**	Corrosion	(PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch) with corrosion reactivating	4	1	1	Feet
☑ **107**	Distortion	UP TO 2 INCHES HIGH OF SECTION CUT OUT AT BOTTOM OF INTERMEDIATE STIFFENER. PAR IS NOT ISSUED AS IT APPEARS TO BE BRIDGE REPAIR.	2	2		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 7 Far Bearing 1

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 7 — Far Bearing 2

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 7 — Farr Bearing 3

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 7 — Far Bearing 4

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 7 — Near Bearing 1

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 7 — Near Bearing 2

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 7 — Near Bearing 3

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 7 — Near Bearing 4

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 7 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	50	49	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Delamination/Spall	AT SECOND POST FROM BENT 7, 6 INCH DIAMETER X 1.5 INCH DEEP SPALL IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION	3	1	1	Feet

General Comments

Span 7 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	50	35	15	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Patched Area	AT MIDSPAN, 15 FEET LONG SECTION OF CONCRETE RAIL HAS BEEN REPLACED	2	15		Square Feet

General Comments

Span 7 — Left Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	30	0	20	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	20	20	Feet

General Comments

Span 7 — Right Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	0	0	50	0	Feet
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	50	50	Feet

General Comments

Span 8 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,684	657	1,027	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **12**	Patched Areas	3 FEET LONG X 10 INCHES HIGH SOUND CONCRETE PATCHED AREA BOTTOM OF BAY 2 END DIAPHRAGM, AT BENT 7.	2			Square Feet

☑ **12**	Delamination/Spall	throughout underside, areas of honeycomb (up to 7 foot x 3 foot x 1/2 inch deep)	2	100	100	Square Feet
☑ **12**	Delamination/Spall	underside in bay 3 adjacent to bent 7, delamination (30 inch x 12 inch) with cracks (up to 1/32 inch)	2	2	2	Square Feet
☑ **12**	Abrasion/Wear (PSC/RC)	throughout top of deck, wear with secure aggregate at random	2	500		Square Feet
☑ **12**	Cracking (RC and Other)	UP TO 0.05 INCH WIDE X 8 FEET LONG DIAGONAL CRACKS EXTENDING FROM EXPANSION JOINT AT END BENT 2.	2	25	25	Square Feet
☑ **12**	Cracking (RC and Other)	underside of deck, map cracks (up to 1/64 inch) and transverse cracks (up to 1/32 inch x 3 foot) some with efflorescence at random	2	400	400	Square Feet

General Comments

Span 8 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	47	2	0	1	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 1 inch x 10 inch)	4	1	1	Feet
☑ **107**	Corrosion	at bent 7, web repair plate (1/4 inch thick x 15 inch x 18.5 inch)	2	2		Feet
☑ **107**	Distortion	1st and 2nd intermediate diaphragm, right stiffener, torch cut (up to 5 inch x 3 inch)	2			Feet

General Comments

Span 8 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	49	0	0	1	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 10 inch) with corrosion reactivating	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 7, surface rust	3	1	1	Square Feet

General Comments

Span 8 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	49	0	0	1	Feet
515	Steel Protective Coating	459	458	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 8 inch) with corrosion reactivating	4	1	1	Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	at bent 7, surface rust	3	1	1	Square Feet

General Comments

Span 8 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	49	0	0	1	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	(PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 13 inch)	4	1	1	Feet
☑ **107**	Distortion	1st and 2nd intermediate diaphragm, right stiffener, torch cut (up to 5 inch x 3 inch)	2			Feet

General Comments

Span 8 End Bent 2 Joint

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	32	31	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **302**	Adjacent Deck or Header	near right bridge rail, area of broken/cracked/settled header (1 inch deep)	3	1	1	Feet

General Comments

Span 8 Near Bearing 1

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 8 — Near Bearing 2

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 8 — Near Bearing 3

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**311**	Corrosion	painted over section loss (approximately 85 percent remaining)	3	1	1	Each

General Comments

Span 8 — Near Bearing 4

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	1	0	0	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**311**	Corrosion	painted over section loss (less than 1/16 inch loss)	2	1		Each

General Comments

Span 8 — Far Bearing 1

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**313**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑	**515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 8 — Far Bearing 2

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 8 — Far Bearing 3

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (less than 1/16 inch loss) with corrosion reactivating	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 8 — Far Bearing 4

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	painted over section loss (approximately 80 percent remaining) with corrosion reactivating	3	1	1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	surface rust	3	1	1	Square Feet

General Comments

Span 8 — Northwest delineator

Delineator

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
602	Warning Signs	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☑ **602**	General Condition	bent/leaning to the south	2	1		Each

General Comments

Span 8 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	51	49	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Delamination/Spall	BETWEEN POSTS 7 AND 8 FROM BENT 7, 6 INCH DIAMETER X 1.5 INCH DEEP SPALLS IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION TO RETROFIT RAIL	3	1	1	Feet
☑ **331**	Delamination/Spall	TOP OF RAIL AT FIRST RAIL JOINT FROM END BENT 2, 8 INCHES WIDE X 8 INCHES HIGH X UP TO 3 INCHES DEEP SPALL WITH EXPOSED REINFORCEMENT	3	1		Feet

General Comments

Span 8 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	51	49	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Delamination/Spall	at posts 6 and 7 from bent 7, spalls (up to 16 inch x 12 inch x 2 inch deep) with exposed rusted rebar	3	2		Feet

General Comments

Span 8 — Left Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	51	28	0	23	0	Feet
515	Steel Protective Coating	51	51	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **330**	Damage	along rail, impact damage	3			Feet
☑ **330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	23	23	Feet

General Comments

Span 8 — Right Retrofit Bridge Rail

Retrofitted Metal Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	51	0	0	51	0	Feet
515	Steel Protective Coating	51	51	0	0	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**330**	Damage	along rail, impact damage	3			Feet
☑	**330**	Distortion	(PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS	3	51		Feet

General Comments

Bent 1 — Pile 4

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**229**	Cracking (RC and Other)	west face at cap, vertical crack (1/32 inch x 32 inch)	2	1	1	Each

General Comments

Bent 1 — Pile 7

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	1	0	0	0	Each

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	**229**	Damage	HEAVY VEGETATION GROWTH ON EAST FACE OF PILE. DAMAGE DEFECTS NO LONGER ALLOWED, MOVED TO GENERAL COMMENTS.	1			Each

General Comments

along pile, vegetation growth

End Bent 1 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	33	10	20	3	0	Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**215**	Cracking (RC and Other)	UP TO 1/16 INCH WIDE X 2 FEET LONG DIAGONAL CRACKS EXTENDING FROM BEARING AT ALL BEAMS.	3	3	3	Feet
☑	**215**	Cracking (RC and Other)	UP TO 0.03 INCH WIDE RANDOM CRACKING IN BACKWALL FOR FULL LENGTH.	2	20		Feet
☑	**215**	Cracking (RC and Other)	(combined with other notes 2025) UP TO 1/16 INCH WIDE HORIZONTAL CRACKS AT TOP IN BAYS 2 AND 3.	1			Feet

General Comments

Structure Number: **500101** Inspection Date: **06/12/2025**

End Bent 1 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	23	10	0	0	Feet
521	Concrete Protective Coating	82	82	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 234	Cracking (RC and Other)	along the length of the cap, vertical cracks (up to 1/32 inch x full height) at random	2	10		Feet

General Comments

Bent 2 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	32	32	0	0	0	Feet
521	Concrete Protective Coating	78	78	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 234	Efflorescence/Rust Staining	(2025 previous joint defect) LEAKAGE STAINS FROM JOINT IN BOTH FACES OF CAP UNDER BEAMS 1 AND 2.	1			Feet

General Comments

Bent 2 Pile 7

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 229	Cracking (RC and Other)	north face at top, delamination (26 inch x 18 inch) with crack (up to 1/64 inch)	2	1		Each

General Comments

End Bent 2 Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	33	31	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 215	Cracking (RC and Other)	UP TO 1/16 INCH WIDE X 2 FEET LONG DIAGONAL CRACKS EXTENDING FROM BEARING AT ALL BEAMS	3	2	2	Feet

General Comments

End Bent 2 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	18	15	0	0	Feet
521	Concrete Protective Coating	82	82	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **234**	Cracking (RC and Other)	along abutment, vertical and horizontal cracks (up to 1/32 inch x 4 foot) at random	2	15		Feet

General Comments

Bent 3 Pile 1

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 1ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 3 Pile 2

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 1ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 3 Pile 3

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 1ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 3 Pile 4

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 229	Scour	UNDERWATER INSPECTION: 1ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 3 Pile 5

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 229	Scour	UNDERWATER INSPECTION: 1ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 3 Pile 6

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 229	Scour	UNDERWATER INSPECTION: 1ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 3 Pile 7

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 229	Delamination/Spall	(PAR) starting at cap, east and south faces, delamination/spall (16 foot x 18 inch x 2 inch deep) with exposed rusted rebar (approximately 80 percent remaining) and cracks (up to 1/32 inch)	3	1	1	Each
☐ 229	Scour	UNDERWATER INSPECTION: 1ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2			Each

☑ **229**	Cracking	(combined with other notes 2025) 5 FEET HIGH X UP TO 6 INCHES WIDE SOUND CONCRETE PATCH WITH HAIRLINE VERTICAL CRACKS IN EAST FACE, LOCATED AT 4 FEET BELOW THE CAP.	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 4 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	32	31	1	0	0	Feet
521	Concrete Protective Coating	78	78	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **234**	Cracking (RC and Other)	30 INCHES LONG X 1/32 INCH WIDE HORIZONTAL CRACK, CENTER OF WEST END.	2	1		Feet

General Comments

Bent 4 Pile 1

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 2ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2			Each
☑ **229**	Cracking	UP TO 5 FEET LONG X 0.02 INCH WIDE VERTICAL CRACKS, IN ALL FACES FACE BEGINNING AT CAP.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 4 Pile 2

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 2ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2			Each
☑ **229**	Cracking	UP TO 1 FOOT LONG VERTICAL HAIRLINE CRACK, EAST AND SOUTH FACES, BEGINNING AT CAP.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 4 Pile 3

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 2ft. of scour with 1ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 4 Pile 4

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 2ft. of scour with 1ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 4 Pile 5

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 4ft. of scour with 1ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 4 Pile 6

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	0	0	1	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **229**	Scour	UNDERWATER INSPECTION: 4ft. of scour with 1ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	4	1	4	Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each
☑ **229**	Cracking (RC and Other)	north face near cap, vertical crack (1/32 inch x 28 inch)	2		1	Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 4 Pile 7

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	0	0	1	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 4ft. of scour with 1ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	4	1	4	Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 5 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	32	29	3	0	0	Feet
521	Concrete Protective Coating	78	78	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **234**	Delamination/Spall	south face in bay 2, delamination (30 inch x 12 inch)	2	3	3	Feet

General Comments

Bent 5 Pile 1

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 2ft. of scour with 3ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2			Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each
☑ **229**	Deterioration (Other)	ABRASION WITH COARSE AGGREGATE EXPOSED 1/16 INCH TO 1/4 INCH LOSS OF FACIAL CONCRETE IN UPSTREAM FACE.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of

facial concrete.

Bent 5 Pile 2

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 2ft. of scour with 1ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 5 Pile 3

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 6ft. of scour with 3ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 5 Pile 4

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 8ft. of scour with 4ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 5 Pile 5

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **229**	Scour	UNDERWATER INSPECTION: 8ft. of scour with 5ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 5 Pile 6

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 8ft. of scour with 5ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 5 Pile 7

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 8ft. of scour with 3ft. of exposed steel pile post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each
☐ **229**	Corrosion	UNDERWATER INSPECTION: Random rust blisters on flange edges of exposed steel pile.	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 6 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	32	30	2	0	0	Feet
521	Concrete Protective Coating	78	78	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **234**	Patched Area	2 FEET LONG X 17 INCHES HIGH SOUND PATCHED AREA, TOP OF SOUTH FACE, BELOW BEAM 3.	2	2		Feet
☑ **234**	Efflorescence/Rust Staining	(2025 previous joint defect) LEAKAGE STAINS FROM JOINT IN BOTH FACES OF CAP UNDER BEAMS 1 AND 2.	1			Feet

General Comments

Bent 6 Pile 1

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 4ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 6 Pile 2

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 4ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 6 Pile 3

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 4ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 6 Pile 4

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **229**	Scour	UNDERWATER INSPECTION: 4ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 6 Pile 5

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 229	Scour	UNDERWATER INSPECTION: 4ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 6 Pile 6

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 229	Scour	UNDERWATER INSPECTION: 4ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 6 Pile 7

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 229	Scour	UNDERWATER INSPECTION: 4ft. of scour post hurricane Matthew. FILLED IN SINCE LAST INSPECTION.	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.
Steel piles not visible.

Bent 7 Pile 1

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 229	Delamination/Spall	18 INCH X 8 INCH DELAMINATION IN NORTH FACE FACE NEAR CAP	2	1	1	Each
☐ 229	Damage	HEAVY VEGETATION GROWTH FOR FULL HEIGHT. DAMAGE DEFECTS NO LONGER ALLOWED, MOVED TO GENERAL COMMENTS.	1			Each

General Comments

along pile, vegetation growth

Bent 7 Pile 2

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 229	Cracking	1 FOOT WIDE X 1 FOOT HIGH AREA OF HAIRLINE MAP CRACKING, NORTH AND SOUTH FACE.	2			Each
☑ 229	Delamination/Spall	UP TO 5 FEET HIGH X 2 FEET WIDE AREA OF DELAMINATION IN NORTH AND SOUTH FACES, STARTING AT CAP	2	1	1	Each
☐ 229	Damage	HEAVY VEGETATION GROWTH FOR FULL HEIGHT. DAMAGE DEFECTS NO LONGER ALLOWED. MOVED TO GENERAL COMMENTS.	1			Each

General Comments

along pile, vegetation growth

Bent 7 Pile 4

Other Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 229	Delamination/Spall	north face below cap, delamination (44 inch x 20 inch) with cracks (hairline)	2	1	1	Each

General Comments

Approach 1 Approach 1

Reinforced Concrete Approach Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
321	Reinforced Concrete Approach Slabs	700	250	450	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 321	Abrasion/Wear (PSC/RC)	throughout slab, wear with secure aggregate at random	2	300	300	Square Feet
☑ 321	Cracking (RC and Other)	throughout slab, longitudinal/diagonal/transverse cracks (up to 1/32 inch x 10 foot) at random	2	150	150	Square Feet

General Comments

Approach 2 Approach 2

Reinforced Concrete Approach Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
321	Reinforced Concrete Approach Slabs	700	229	470	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 321	Delamination/Spall	at southeast corner, spall (6 inch x 4 inch x 1.5 inch deep)	3	1	1	Square Feet
☑ 321	Patched Area	in right travel lane at north end, patch (2 foot x 8 foot)	2	16		Square Feet

☑ **321**	Patched Area	AT SOUTH END BETWEEN LANES AND RIGHT SHOULDER (2) SOUND PATCHES UP TO 2 FEET X 2 FEET.	2	4		Square Feet
☑ **321**	Abrasion/Wear (PSC/RC)	throughout slab, wear with secure aggregate at random	2	300	300	Square Feet
☑ **321**	Cracking (RC and Other)	UP TO 0.05 INCH WIDE DIAGONAL AND LONGITUDINAL CRACKS IN BOTH TRAVEL LANES.	2	150	150	Square Feet
☑ **321**	Settlement	(not found 2025) ASPHALT AT SOUTH END SETTLED FULL WIDTH X UP TO 1 1/2 INCH.	1			Square Feet

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1587
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 1	Left Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	51
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 1	Right Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	51
Span 1	End Bent 1 Joint	Compression Seal	Compression Joint Seal	32
Span 1	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1675
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 2	Left Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 2	Right Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 2	Bent 1 Joint	Compression Seal	Compression Joint Seal	32
Span 2	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1675
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 3	Left Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 3	Right Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Bent 2 Joint	Compression Seal	Compression Joint Seal	32
Span 3	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1675
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 4	Left Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 4	Right Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 4	Bent 3 Joint	Compression Seal	Compression Joint Seal	32
Span 4	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1675
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 5	Left Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 5	Right Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 5	Bent 4 Joint	Compression Seal	Compression Joint Seal	32
Span 5	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 4	Fixed Bearing	Fixed Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 6	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1675
Span 6	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 6	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 6	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 6	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 6	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 6	Left Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 6	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 6	Right Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 6	Bent 5 Joint	Compression Seal	Compression Joint Seal	32
Span 6	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 6	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 6	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 6	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 6	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 6	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 6	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 6	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 7	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1675
Span 7	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 7	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 7	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 7	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 7	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 7	Left Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 7	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 7	Right Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	50
Span 7	Bent 6 Joint	Compression Seal	Compression Joint Seal	32
Span 7	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 7	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 7	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 7	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 7	Farr Bearing 3	Movable Bearing	Movable Bearing	1
Span 7	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 7	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 7	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 8	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1684
Span 8	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 8	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 8	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 8	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 8	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 8	Left Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	51
Span 8	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 8	Right Retrofit Bridge Rail	Retrofitted Metal Rail	Metal Bridge Railing	51

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 8	Bent 7 Joint	Compression Seal	Compression Joint Seal	32
Span 8	End Bent 2 Joint	Compression Seal	Compression Joint Seal	32
Span 8	Far Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 8	Near Bearing 1	Movable Bearing	Movable Bearing	1
Span 8	Far Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 8	Near Bearing 2	Movable Bearing	Movable Bearing	1
Span 8	Far Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 8	Near Bearing 3	Movable Bearing	Movable Bearing	1
Span 8	Far Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 8	Near Bearing 4	Movable Bearing	Movable Bearing	1
Span 8	Neuse River Sign	Other warning sign	Other Warning Signs	1
Span 8	Northwest delineator	Delineator	Warning Signs	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 1	Pile 1	Other Pile	Other Pile	1
Bent 1	Pile 2	Other Pile	Other Pile	1
Bent 1	Pile 3	Other Pile	Other Pile	1
Bent 1	Pile 4	Other Pile	Other Pile	1
Bent 1	Pile 5	Other Pile	Other Pile	1
Bent 1	Pile 6	Other Pile	Other Pile	1
Bent 1	Pile 7	Other Pile	Other Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	33
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 2	Pile 1	Other Pile	Other Pile	1
Bent 2	Pile 2	Other Pile	Other Pile	1
Bent 2	Pile 3	Other Pile	Other Pile	1
Bent 2	Pile 4	Other Pile	Other Pile	1
Bent 2	Pile 5	Other Pile	Other Pile	1
Bent 2	Pile 6	Other Pile	Other Pile	1
Bent 2	Pile 7	Other Pile	Other Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	33
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 3	Pile 1	Other Pile	Other Pile	1
Bent 3	Pile 2	Other Pile	Other Pile	1
Bent 3	Pile 3	Other Pile	Other Pile	1
Bent 3	Pile 4	Other Pile	Other Pile	1
Bent 3	Pile 5	Other Pile	Other Pile	1
Bent 3	Pile 6	Other Pile	Other Pile	1
Bent 3	Pile 7	Other Pile	Other Pile	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 4	Pile 1	Other Pile	Other Pile	1
Bent 4	Pile 2	Other Pile	Other Pile	1
Bent 4	Pile 3	Other Pile	Other Pile	1
Bent 4	Pile 4	Other Pile	Other Pile	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 4	Pile 5	Other Pile	Other Pile	1
Bent 4	Pile 6	Other Pile	Other Pile	1
Bent 4	Pile 7	Other Pile	Other Pile	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 5	Pile 1	Other Pile	Other Pile	1
Bent 5	Pile 2	Other Pile	Other Pile	1
Bent 5	Pile 3	Other Pile	Other Pile	1
Bent 5	Pile 4	Other Pile	Other Pile	1
Bent 5	Pile 5	Other Pile	Other Pile	1
Bent 5	Pile 6	Other Pile	Other Pile	1
Bent 5	Pile 7	Other Pile	Other Pile	1
Bent 6	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 6	Pile 1	Other Pile	Other Pile	1
Bent 6	Pile 2	Other Pile	Other Pile	1
Bent 6	Pile 3	Other Pile	Other Pile	1
Bent 6	Pile 4	Other Pile	Other Pile	1
Bent 6	Pile 5	Other Pile	Other Pile	1
Bent 6	Pile 6	Other Pile	Other Pile	1
Bent 6	Pile 7	Other Pile	Other Pile	1
Bent 7	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 7	Pile 1	Other Pile	Other Pile	1
Bent 7	Pile 2	Other Pile	Other Pile	1
Bent 7	Pile 3	Other Pile	Other Pile	1
Bent 7	Pile 4	Other Pile	Other Pile	1
Bent 7	Pile 5	Other Pile	Other Pile	1
Bent 7	Pile 6	Other Pile	Other Pile	1
Bent 7	Pile 7	Other Pile	Other Pile	1
Approach1	Approach 1	Reinforced Concrete Approach Slab	Reinforced Concrete Approach Slabs	700
Approach2	Approach 2	Reinforced Concrete Approach Slab	Reinforced Concrete Approach Slabs	700

General Inspection Notes

Bent 1	Pile 1	along pile vegetation growth
Bent 1	Pile 7	along pile, vegetation growth
Bent 7	Pile 3	along pile, vegetation growth
Bent 7	Pile 5	along pile, vegetation growth
Bent 7	Pile 6	along pile, vegetation growth
Bent 7	Pile 7	along pile, vegetation growth

NCDOT SMU Inspection Items

Structure Number: 500101 **Inspection Date:** 06/12/2025

Recorded Posting Values:

POSTED SV: 99 POSTED TTST: 99 EV SINGLE AXLE: 99 EV TANDOM: 99 EV GROSS: 99

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	**G**	**0**	**3376**
Drainage System	G, F, P, or C	**G**	**0**	**3332**
Utilities	G, F, P, or C	**G**		
Slope Protection	G, F, P, or C	**F**	**4**	**3352**
Headwall	G, F, P, or C		**0**	**4675**
Wingwall	G, F, P, or C	**F**	**3**	**3350**
Drift	G, F, P, or C	**G**	**0**	**3366**
Fender System	G, F, P, or C		**0**	**3364**
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	**G**		
Superstructure Paint Code		**U**		

Note: If NC SMU Insepction Item is not present, leave NC SMU item blank

Inspection Information

Item	Grade Scale	Grade
Inspection Time	Hours	**13**
Traffic Control Time	Hours	**26**
Snooper Time	Hours	**8**
Portion of Structure in > 3' of water	YES/NO	**Y**

National Bridge and NC SMU Inspection Item Details

Structure Number: 500101 **Inspection Date:** 06/12/2025

Item	Portion of structure in > 3' of water (Y or N)	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	bents 3-6						

Item	Slope Protection	**Grade**	F	**Maint Code**	3352	**Qty.**	4
Details	end bent 1 slope protection, below bay 3, transverse crack (1/16 inch x 4 foot)						

Item	Utilities	**Grade**	G	**Maint Code**		**Qty.**	0
Details	along west fascia, utility pipe (4 inch diameter)						

Item	Wingwalls	**Grade**	F	**Maint Code**	3350	**Qty.**	3
Details	southwest wingwall extension, spall (28 inch x 10 inch x 2 inch deep)						

Item	General Comments and Misc Items	**Grade**		**Maint Code**		**Qty.**	0
Details	(PAR) northeast guardrail near bridge, impact damage (23 foot) with holes (up to 4 inch x 3 inch)						
	(PAR) northwest guardrail near bridge, impact damage (25 foot) with holes (up to 4 inch x 3 inch)						

Item	Channel, Scour and Scour POA comments	**Grade**		**Maint Code**		**Qty.**	0
Details	along channel embankments, cutbank erosion (up to 4 foot x 2 foot deep)						

Span 8 Deck: 3 FEET LONG X 10 INCHES HIGH SOUND CONCRETE PATCHED AREA BOTTOM OF BAY 2 END DIAPHRAGM, AT BENT 7.

Span 8 Deck: underside of deck, map cracks (up to 1/64 inch) and transverse cracks (up to 1/32 inch x 3 foot) some with efflorescence at random

Span 8 Deck: throughout underside, areas of honeycomb (up to 7 foot x 3 foot x 1/2 inch deep)

Span 8 Deck: underside in bay 3 adjacent to bent 7, delamination (30 inch x 12 inch) with cracks (up to 1/32 inch)

Span 8 Beam 4: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 13 inch)

Span 8 Beam 4: 1st and 2nd intermediate diaphragm, right stiffener, torch cut (up to 5 inch x 3 inch)

Span 8 Near Bearing 3: painted over section loss (approximately 85 percent remaining)

Span 8 Beam 3: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 8 inch) with corrosion reactivating

Span 8 Beam 2: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 10 inch) with corrosion reactivating

Span 8 Beam 1: at bent 7, web repair plate (1/4 inch thick x 15 inch x 18.5 inch)

Span 8 Beam 1: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 1 inch x 10 inch)

Bent 7 Pile 1: 18 INCH X 8 INCH DELAMINATION IN NORTH FACE FACE NEAR CAP

Bent 7 Pile 1: along pile, vegetation growth

Bent 7 Pile 2: UP TO 5 FEET HIGH X 2 FEET WIDE AREA OF DELAMINATION IN NORTH AND SOUTH FACES, STARTING AT CAP

Bent 7 Pile 4: north face below cap, delamination (44 inch x 20 inch) with cracks (hairline)

Span 7 Deck: 75 SQUARE FEET OF PATCHED AREA, UNDERSIDE OF DECK, AT RANDOM THROUGHOUT ALL BAYS.

Span 7 Deck: SCATTERED AREAS OF HONEYCOMBING UP TO 3/4 INCH DEEP IN DECK UNDERSIDE IN ALL BAYS.

Span 7 Deck: UP TO 0.02 INCH WIDE RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT.

Span 7 Deck: UP TO 0.03 INCH WIDE X UP TO 3 FEET LONG TRANSVERSE CRACKS IN LEFT OVERHANG. RIGHT OVERHANG TYPICAL.

Span 7 Deck: 20 INCHES WIDE X 18 INCHES HIGH SOUND CONCRETE PATCHED AREA, BAY 1 END DIAPHRAGM, OVER BENT 7, NEXT TO BEAM 2.

Span 7 Deck: AT BENT 7 BAY 3 DIAPHRAGM UNSOUND PATCH 7 FEET X 1 FOOT WITH 45 INCH X 18 INCH AREA OF DELAMINATION AND CRACKS UP TO 1/32 INCH

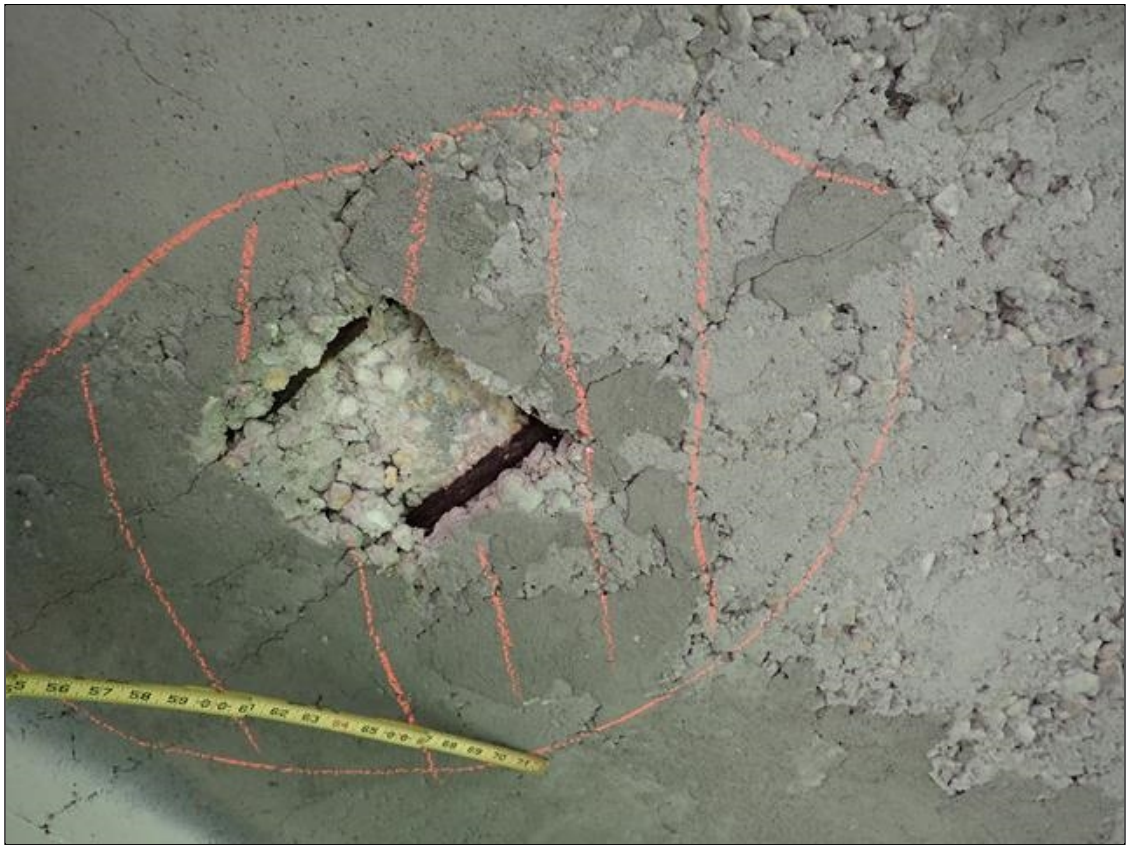
Span 7 Beam 4: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 1 inch x 24 inch)

Span 7 Beam 3 - Farr Bearing 3: painted over section loss (less than 1/16 inch loss)

Span 7 Beam 3: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 1 inch) with corrosion reactivating

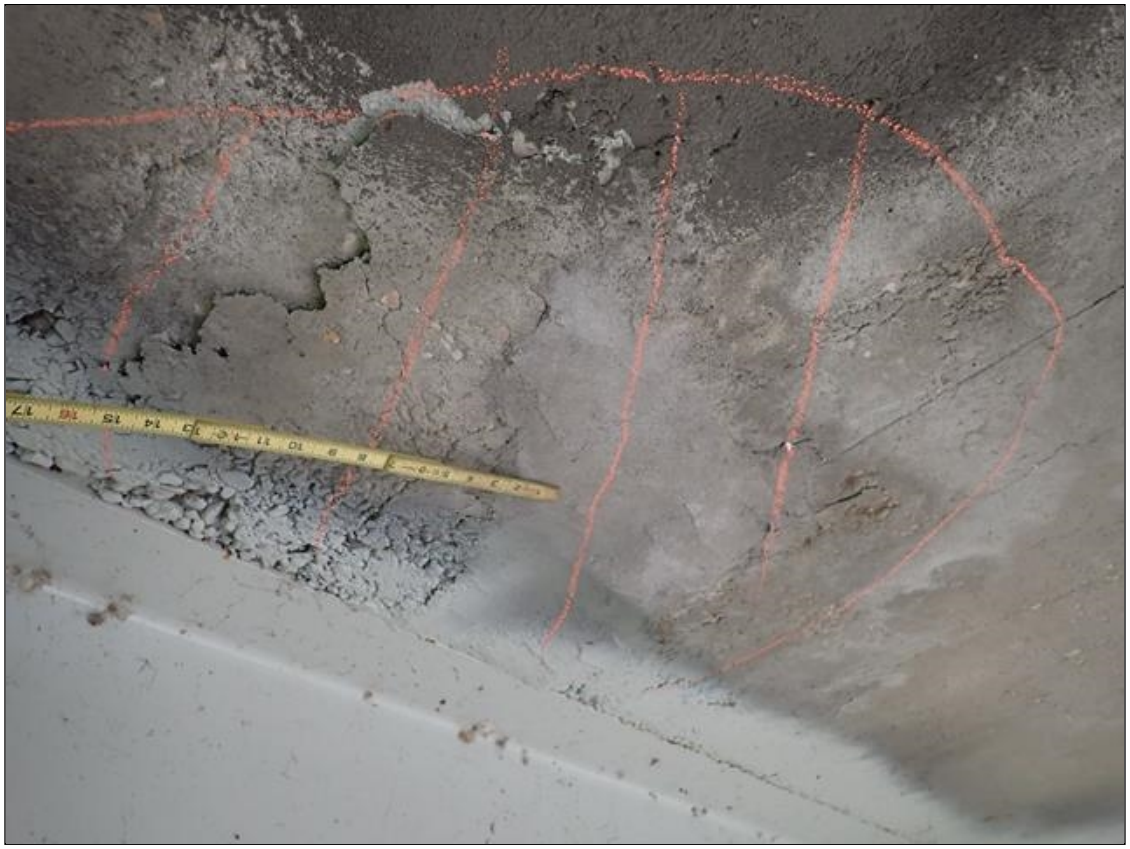
Span 7 Beam 2: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch)

Span 7 Beam 1: (PAR) at bent 7, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch)



Span 7 Deck: (PAR) underside in bay 3 near midspan, spall/delamination (30 inch x 20 inch x 2 inch deep) with exposed rusted rebar (approximately 85 percent remaining)

Span 7 Deck: (PAR) 24 INCHES LONG X 2 FEET WIDE X UP TO 4 INCHES DEEP DELAMINATION/SPALL WITH EXPOSED REINFORCING, UNDERSIDE OF EAST OVERHANG AT 4TH DRAIN. UP TO 5 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.



Span 7 Deck: underside in bay 2, near midspan, delamination/failed patch (3 foot x 26 inch)

Span 7 Deck: bay 3 end diaphragm at bent 6, failed patch (5 foot x 19 inch x 4 inch deep) with exposed rusted rebar

Span 7 Beam 4: (PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch) with corrosion reactivating

Span 7 Beam 3: (PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 7 inch x 4 inch)

Span 7 Beam 2: (PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 7 inch x 10 inch)

Span 7 Beam 1: (PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 10 inch)

Span 6 Deck: THREE (3) AREAS OF DELAMINATED CONCRETE UP TO 18 INCH X 10 INCH IN EAST OVERHANG AT BENT 6.

Span 6 Deck: (PAR) 4 FEET WIDE X 10 INCHES LONG X UP TO 6 INCHES HIGH AREA OF UNSOUND CONCRETE AND SPALL WITH EXPOSED REINFORCEMENT IN BAY 3 END DIAPHRAGM AT BENT 6. 10 PERCENT SECTION LOSS IN EXPOSED REBAR.

Span 6 Deck: (PAR) BAY 3 FAR DIAPHRAGM ADJACENT TO BEAM 4 SPALL WITH EXPOSED REBAR 18 INCHES X 7 INCHES X 3 INCH DEEP WITH 10 PERCENT SECTION LOSS.

Span 6 Deck: (PAR) 12 INCHES WIDE X 9 INCHES LONG X 14 INCHES HIGH SPALL IN SOUTH FACE WITH EXPOSED REINFORCEMENT IN BAY 2 AT BENT 6. 10 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.

Span 6 Deck: 8 FEET LONG X HAIRLINE TRANSVERSE CRACKS WITH EFFLORESCENCE, UNDERSIDE OF DECK, AT RANDOM THROUGHOUT BAY 1. SIMILAR IN BAY 3.

Span 6 Deck: BAY 1 NEAR BENT 6 AREA OF SPALL/DELAMINATION 18 INCHES DIAMETER X 1/2 INCH DEEP.

Span 6 Far Bearing 4: LEFT ANCHOR BOLT, MISSING; BEARING ASSEMBLY HAS WELDED REPAIR WITH NEW ANCHOR BOLT.

Span 6 Beam 4: (PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 8 inch x 7 inch)

Span 6 Beam 3: (PAR) at bent 6, web adjacent to end diaphragm, corrosion with section loss (7/16 inch average remaining x 10 inch x 2 foot)

Span 6 Far Bearing 3: BOTH ANCHOR BOLTS, MISSING; BEARING ASSEMBLY HAS WELDED REPAIR WITH NEW ANCHOR BOLT.

Span 6 Far Bearing 2: LEFT ANCHOR BOLT, PAINTED OVER SECTION LOSS (APPROXIMATELY 40 PERCCENT REMAINING; BEARING ASSEMBLY HAS WELDED REPAIR WITH NEW ANCHOR BOLT.

Span 6 Beam 2: (PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating

Span 6 Beam 1: (PAR) at bent 6, web adjacent to end diaphragm, painted over section loss (1/4 inch average remaining x 7 inch x 8 inch) with corrosion hole (up to 1/8 inch diameter) and corrosion reactivating

Span 6 Deck: (PAR) bay 2 end diaphragm at bent 5, failed patch/delamination (6 foot x 16 inch x 3 inch deep) with exposed rusted rebar (approximately 100 percent section loss)

Span 6 Deck: 12 INCHES DIAMETER SOUND CONCRETE PATCH WITH ADJACENT DELAMINATION (18 INCH X 18 INCH) AT 2ND DRAIN PIPE IN EAST OVERHANG.

Span 6 Deck: (not found 2025) 12 INCHES DIAMETER SOUND CONCRETE PATCH IN EAST OVERHANG AT DRAIN ONE.

Span 6 Beam 4: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 5 inch x 1 inch) with corrosion reactivating

Span 6 Near Bearing 3: painted over section loss (less than 1/16 inch loss)

Span 6 Beam 3: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating

Span 6 Beam 2: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 8 inch) with corrosion reactivating

Span 6 Beam 1: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 2 inch x 9 inch)

Bent 5 Pile 1: ABRASION WITH COARSE AGGREGATE EXPOSED 1/16 INCH TO 1/4 INCH LOSS OF FACIAL CONCRETE IN UPSTREAM FACE.

Span 5 Deck: UP TO 1/32 INCH WIDE RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SOME WITH EFFLORESCENCE, SCATTERED THROUGHOUT.

Span 5 Deck: (PAR) BAY 3 FAR DIAPHRAGM ADJACENT TO BEAM 3 AREA OF SPALLING AND DELAMINATION 2 FEET X 4 INCHES X UP TO 3 INCHES DEEP WITH EXPOSED RUSTED REBAR (APPROXIMATELY 80 PERCENT REMAINING)

Bent 5 Cap 1: south face in bay 2, delamination (30 inch x 12 inch)

Span 5 Beam 4: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 14 inch)

Span 5 Beam 3: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 7 inch) with corrosion reactivating

Span 5 Beam 2: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 2.5 inch x 8 inch) with corrosion reactivating

Span 5 Beam 1: (PAR) at bent 5, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 10 inch) with corrosion reactivating

Span 5 Deck: 3 FEET LONG X 11 INCHES HIGH UNSOUND CONCRETE PATCH WITH 1/8 INCH WIDE HORIZONTAL CRACK, BAY 2 END DIAPHRAGM, NEXT TO BEAM 2, AT BENT 4.

Span 5 Beam 4: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 7 inch x 1 inch) with corrosion reactivating

Span 5 Beam 3: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 8 inch) with corrosion reactivating

Span 5 Beam 2: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch) with corrosion reactivating

Span 5 Beam 1: at bent 4, web repair plate, (3/8 inch thick x 15.5 inch x 17 3/4 inch)

Bent 4 Cap 1: 30 INCHES LONG X 1/32 INCH WIDE HORIZONTAL CRACK, CENTER OF WEST END.

Bent 4 Pile 1: UP TO 5 FEET LONG X 0.02 INCH WIDE VERTICAL CRACKS, IN ALL FACES FACE BEGINNING AT CAP.

Bent 4 Pile 2: UP TO 1 FOOT LONG VERTICAL HAIRLINE CRACK, EAST AND SOUTH FACES, BEGINNING AT CAP.

Bent 4 Pile 6: north face near cap, vertical crack (1/32 inch x 28 inch)

Span 4 Deck: (PAR) 5 FEET LONG X 11 INCHES HIGH UNSOUND CONCRETE PATCH WITH 1/16 INCH WIDE CRACKS AND SPALLS UP TO 3 FEET X FULL WIDTH X 5 INCHES WITH EXPOSED REBAR UP TO 100 PERCENT SECTION LOSS IN BAY 1 AND EXTERIOR END DIAPHRAGM, NEXT TO BEAM 1, AT BENT 4.

Span 4 Beam 4: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 1 inch x 18 inch) with corrosion reactivating

Span 4 Far Bearing 3: painted over section loss (less than 1/16 inch loss) with corrosion reactivating

Span 4 Beam 3: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 7 inch) with corrosion reactivating

Span 4 Beam 2: at bent 4, web adjacent to end diaphragm, painted over section loss (9/16 inch average remaining x 7 inch x 1 inch)

Span 4 Beam 1: (PAR) at bent 4, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 16 inch) with corrosion reactivating

Span 4 Deck: (PAR) LEFT OVERHANG NEAR MIDSPAN 2 SPALLS WITH EXPOSED REBAR UP TO 10 INCHES DIAMETER X 1 INCH DEEP, 5 PERCENT SECTION LOSS.

Span 4 Beam 4: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch)

Span 4 Beam 3: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 3 inch)

Span 4 Beam 2: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 4 inch) with corrosion reactivating

Span 4 Beam 1: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 6 inch) with corrosion reactivating

Span 4 Deck: bay 2 end diaphragm at bent 3, adjacent to beam 3, delamination (22 inch x 8) with crack (1/4 inch)

Bent 3 Pile 7: (PAR) starting at cap, east and south faces, delamination/spall (16 foot x 18 inch x 2 inch deep) with exposed rusted rebar (approximately 80 percent remaining) and cracks (up to 1/32 inch)

Bent 3 Pile 7: (PAR) starting at cap, east and south faces, delamination/spall (16 foot x 18 inch x 2 inch deep) with exposed rusted rebar (approximately 80 percent remaining) and cracks (up to 1/32 inch)

Span 3 Deck: 4 INCHES HIGH X 1 FOOT LONG AREA OF UNSOUND CONCRETE WITH SPALL 4 INCHES DIAMETER X 1 INCH DEEP WITH 1/8 INCH WIDE CRACKS AND EXPOSED STEEL IN END DIAPHRAGM AT BENT 3 UNDER RIGHT OVERHANG.

Span 3 Beam 4: (not found 2025) RIGHT ANCHOR BOLT NUT LOOSE.

Span 3 Beam 4: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 16 inch) with corrosion reactivating

Span 3 Beam 3: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch)

Span 3 Beam 2: (PAR) at bent 3, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 24 inch) with corrosion reactivating

Span 3 Far Bearing 3: LEFT ANCHOR BOLT, PAINTED OVER SECTION LOSS (APPROXIMATELY 20 PERCENT REMAINING); WELDED REPAIR WITH NEW ANCHOR BOLT.

Span 3 Beam 1: (PAR) at bent 3, 2 foot from beam end, painted over section loss: lower web (1/2 inch average remaining remaining x 40 inch x 10 inch); bottom flange (0.87 inch x 40 inch)

Span 3 Beam 1: at bent 3, web repair plate (3/8 inch thick x 18 inch x 15 inch)

Span 3 Deck: 7 FEET LONG X 6 INCHES HIGH UNSOUND CONCRETE PATCH IN BAY 2 END DIAPHRAGM, AT BENT 2.

Span 3 Deck: 7 FEET LONG X 1/64 INCH WIDE DIAGONAL CRACK WITH EFFLORESCENCE IN UNDERSIDE OF DECK, BAY 3 AT BENT 2.

Span 3 Deck: (PAR) BAY 1 NEAR DIAPHRAGM ADJACENT TO BEAM 2, SPALL WITH EXPOSED REBAR 3 FEET X 5 INCHES X 3 INCH DEEP, 5 PERCENT SECTION LOSS.

Span 3 Deck: 3 FEET LONG X 1 FOOT HIGH UNSOUND CONCRETE PATCH, BAY 1 END DIAPHRAGM, AT BENT 2.

Span 3 Beam 1: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 12 inch)

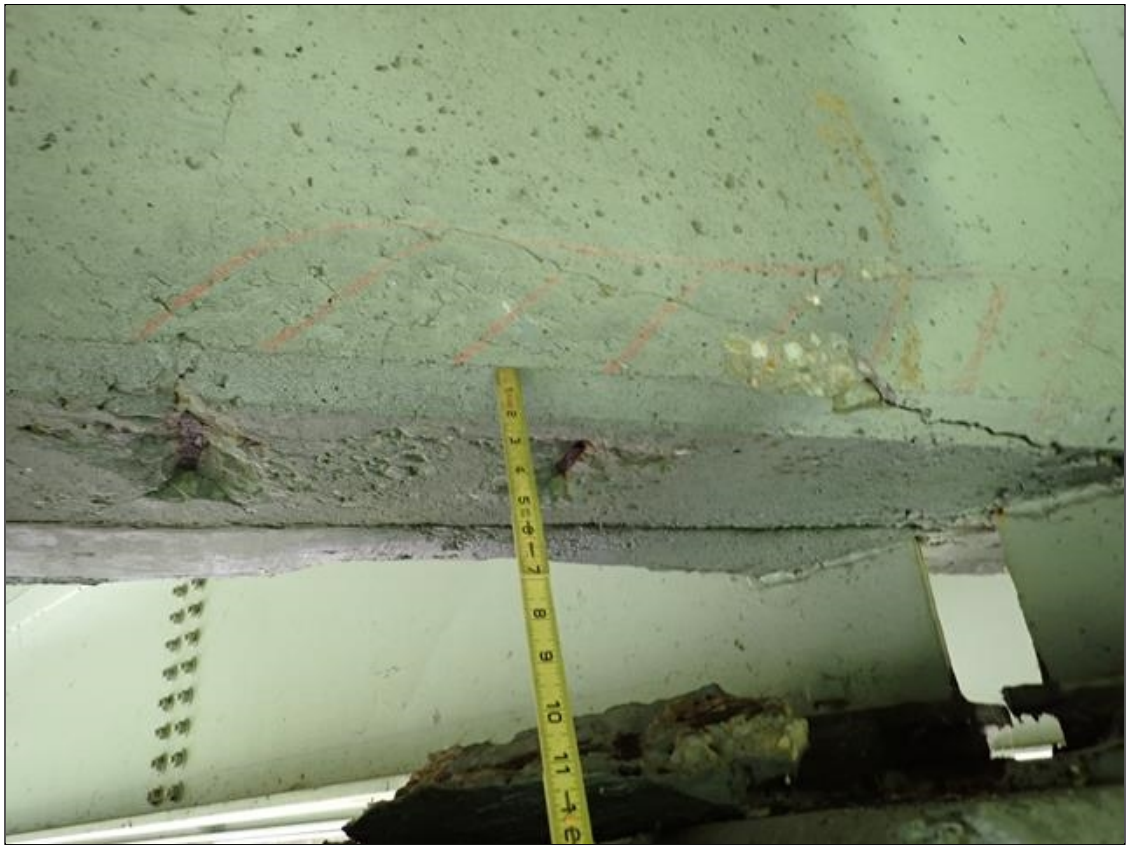
Span 3 Beam 2: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 8 inch x 4 inch) with corrosion reactivating

Span 3 Beam 3: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 4 inch x 8 inch) with corrosion reactivating

Span 3 Beam 4: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch) with corrosion reactivating

Bent 2 Pile 7: north face at top, delamination (26 inch x 18 inch) with crack (up to 1/64 inch)

Span 2 Deck: 9 FEET LONG X 1 FOOT HIGH CONCRETE PATCH, BAY 2 END DIAPHRAGM, AT BENT 2. PATCH EXHIBITS UP TO 1/8 INCH WIDE X 5 FEET LONG CRACK IN THE BOTTOM FACE WITH A 5 FEET LONG X 5 INCHES WIDE UNSOUND CONCRETE AND UP TO 0.02 INCH WIDE VERTICAL CRACKS IN FRONT FACE, SCATTERED.



Span 2 Deck: THREE (3) 6 INCHES DIAMETER X 3/4 INCH DEEP SPALLS WITH EXPOSED REINFORCING AND AREA OF DELAMINATION 3 FEET X 7 INCHES, UNDERSIDE AND FACE OF BAY 1 END DIAPHRAGM, AT BENT 2.

Span 2 Deck: 1 FOOT WIDE X 2 FEET HIGH SOUND CONCRETE PATCH IN DIAPHRAGM OUTSIDE OF BEAM 4 AT BENT 2.

Span 2 Beam 4: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 4 inch x 15 inch) with corrosion reactivating

Span 2 Far Bearing 3: BOTH ANCHOR BOLTS, MISSING; WELDED BEARING REPAIR WITH ANCHOR ROD.

Span 2 Beam 3: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 5 inch x 8 inch)

Span 2 Beam 2: (PAR) at bent 2, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 9 inch) with corrosion reactivating

Span 2 Beam 1: 2025 new repair (3/8 inch thick x 15.5 inch x 18 inch), previously noted as: 10 INCHES LONG X 5 INCHES WIDE AREA OF SECTION LOSS BENEATH THE PAINTED SURFACE ABOVE THE BEARING AT BENT 2. 0.60 INCH SECTION REMAINING.

Span 2 Deck: (PAR) 15 FEET FROM BENT 2 IN LEFT OVERHANG SOFFIT SPALL WITH EXPOSED REBAR 6 INCHES X 8 INCHES X 1 INCH DEEP 5 PERCENT SECTION LOSS.

Span 2 Deck: (PAR) RIGHT OVERHANG SOFFIT NEAR MIDSPAN SPALL WITH EXPOSED REBAR 6 INCHES DIAMETER X 1 INCH DEEP, 5 PERCENT SECTION LOSS.

Span 2 Deck: RIGHT OVERHANG SOFFIT NEAR DRAIN 3, 4 INCHES X 8 INCHES X 1/2 INCH DEEP SPALL.

Span 2 Deck: (PAR) RIGHT OVERHANG SOFFIT AT RAIL POST 2, 1 FOOT DIAMETER X 1.5 INCHES DEEP SPALL WITH EXPOSED REBAR. 5 PERCENT SECTION LOSS.

Span 2 Deck: TWO (2) AREAS OF UNSOUND CONCRETE UP TO 2.5 FEET LONG X 1 FOOT HIGH WITH SPALLING UP TO 5 INCHES DIAMETER X UP TO 4 INCHES DEEP IN END DIAPHRAGM IN BAY 1 AT BENT 1.

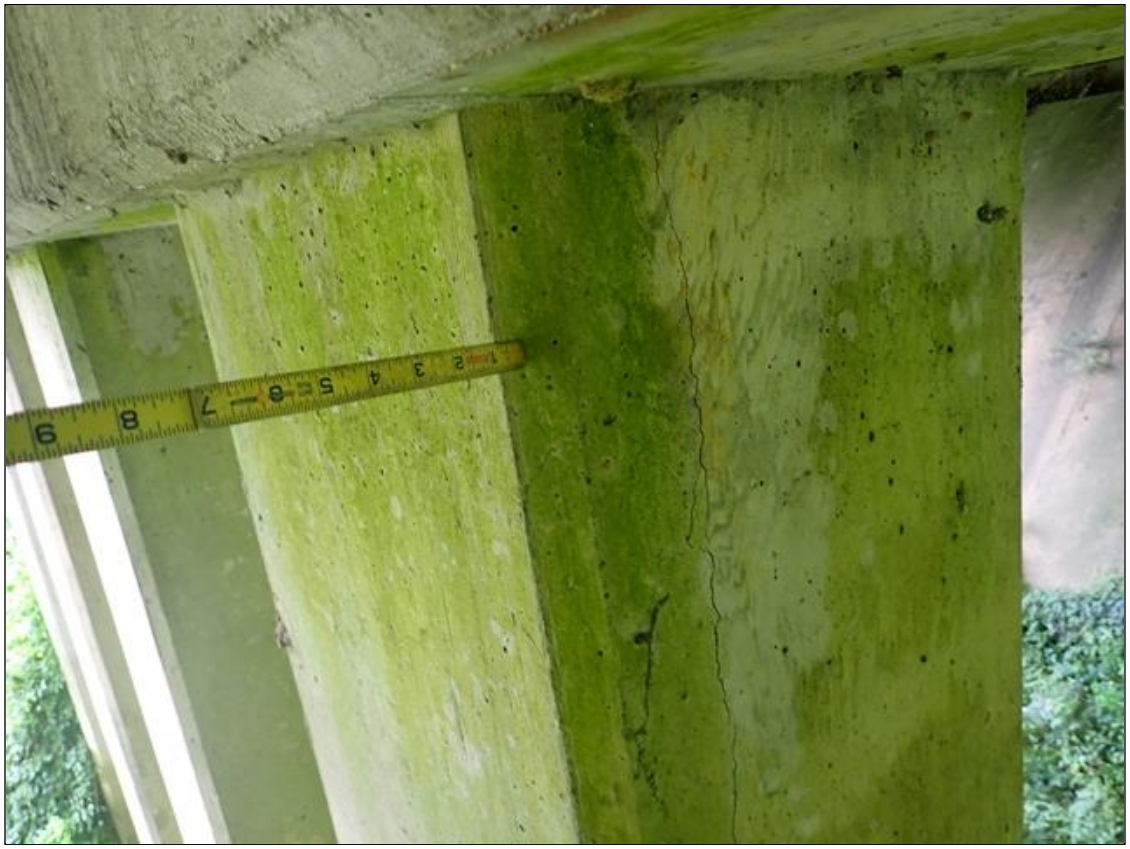
Span 2 Deck: UP TO 1.5 FEET WIDE X 4 INCHES HIGH X UP TO 4 INCHES DEEP SPALL WITH EXPOSED REBAR, 5 PERCENT SECTION LOSS IN DIAPHRAGM IN BAY 3 AT BENT 1.

Span 2 Beam 4: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 4 inch) with corrosion reactivating

Span 2 Beam 3: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (9/16 inch average remaining x 1 inch x 7 inch)

Span 2 Beam 2: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (1/2 inch average remaining x 1 inch x 7 inch) with corrosion reactivating

Span 2 Beam 1: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 7 inch x 9 inch)



Bent 1 Pile 4: west face at cap, vertical crack (1/32 inch x 32 inch)

Span 1 Deck: (PAR) UP TO 12 INCHES DIAMETER X 1.5 INCHES DEEP SPALLS WITH EXPOSED REBAR WITH 5 PERCENT SECTION LOSS AT DRAINS 3 AND 4 IN LEFT OVERHANG.

Span 1 Deck: TWO (2) 12 INCHES DIAMETER X 1/2 INCH DEEP DELAMINATIONS/SPALLS, UNDERSIDE OF WEST OVERHANG, AT DRAIN 6.

Span 1 Deck: (PAR) FAR END DIAPHRAGM AT RIGHT OVERHANG SPALL WITH EXPOSED REBAR 6 INCHES X 2 FEET X 4 INCH DEEP, 5 PERCENT SECTION LOSS.

Span 1 Deck: (PAR) BAY 2 FAR DIAPHRAGM ADJACENT TO BEAM 2 AREA OF DELAMINATION AND SPALLING WITH EXPOSED REBAR 1.5 FEET X 8 INCHES X UP TO 3 INCHES DEEP, 5 PERCENT SECTION LOSS.

Span 1 Deck: (PAR) TWO (2) UP TO 8 INCHES DIAMETER X 3/4 INCH DEEP SPALLS WITH EXPOSED REBAR, 5 PERCENT SECTION LOSS, UNDERSIDE OF BAY 1 END DIAPHRAGM, AT BENT 1.

Span 1 Beam 1: at bent 1, web adjacent to end diaphragm, painted over section loss (9/16 inch average remaining x 7 inch x 16 inch) with corrosion reactivating

Span 1 Far Bearing 2: painted over section loss (approximately 85 percent remaining) with corrosion reactivating

Span 1 Beam 2: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 12 inch)

Span 1 Beam 3: (PAR) at bent 1, web adjacent to end diaphragm, painted over section loss (7/16 inch average remaining x 8 inch x 18 inch)

Span 1 Beam 4: (PAR) at bent 1, painted over section loss: web adjacent to end diaphragm (7/16 inch average remaining x 8 inch x 24 inch); bottom flange (0.87 inch average remaining x 5 inch)

Span 1 Beam 4: (PAR) at bent 1, painted over section loss: web adjacent to end diaphragm (7/16 inch average remaining x 8 inch x 24 inch); bottom flange (0.87 inch average remaining x 5 inch)

Approach 2: UP TO 0.05 INCH WIDE DIAGONAL AND LONGITUDINAL CRACKS IN BOTH TRAVEL LANES.

Approach 2: AT SOUTH END BETWEEN LANES AND RIGHT SHOULDER (2) SOUND PATCHES UP TO 2 FEET X 2 FEET.

Approach 2: throughout slab, wear with secure aggregate at random

Approach 2: (not found 2025) ASPHALT AT SOUTH END SETTLED FULL WIDTH X UP TO 1 1/2 INCH.

Approach 2: in right travel lane at north end, patch (2 foot x 8 foot)

Span 8 End Bent 2 Joint : near right bridge rail, area of broken/cracked/settled header (1 inch deep)

Approach 2: at southeast corner, spall (6 inch x 4 inch x 1.5 inch deep)

(PAR) northeast guardrail near bridge, impact damage (23 foot) with holes (up to 4 inch x 3 inch)

(PAR) northwest guardrail near bridge, impact damage (25 foot) with holes (up to 4 inch x 3 inch)

Span 8 Northwest delineator: bent/leaning to the south

Span 8 Deck: UP TO 0.05 INCH WIDE X 8 FEET LONG DIAGONAL CRACKS EXTENDING FROM EXPANSION JOINT AT END BENT 2.

Span 8 Deck: throughout top of deck, wear with secure aggregate at random

Span 8 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 8 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 8 Left Bridge Rail: TOP OF RAIL AT FIRST RAIL JOINT FROM END BENT 2, 8 INCHES WIDE X 8 INCHES HIGH X UP TO 3 INCHES DEEP SPALL WITH EXPOSED REINFORCEMENT

Span 8 Left Bridge Rail: BETWEEN POSTS 7 AND 8 FROM BENT 7, 6 INCH DIAMETER X 1.5 INCH DEEP SPALLS IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION TO RETROFIT RAIL

Span 8 Right Bridge Rail: at posts 6 and 7 from bent 7, spalls (up to 16 inch x 12 inch x 2 inch deep) with exposed rusted rebar

Span 7 Deck: throughout top of deck, longitudinal and transverse cracks (up to 1/32 inch x 16 foot) at random

Span 7 Deck: throughout top of deck, wear with secure aggregate at random

Span 7 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 7 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 7 Right Bridge Rail: AT MIDSPAN, 15 FEET LONG SECTION OF CONCRETE RAIL HAS BEEN REPLACED

Span 6 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH AND THROUGH HOLES UP TO 4 INCH X 2 INCH AND UP TO 5 INCHES DEFLECTION TOWARDS WEST TO THE SUPPLEMENTAL BRIDGE RAIL FOR 20 FEET LONG STARTING AT BENT 6. TWO (2) SPACER BLOCKS CONNECTING THE GUARDRAIL TO POSTS ARE PARTIALLY CRUSHED.

Span 6 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 6 Deck: throughout top of deck, wear with secure aggregate at random

Span 6 Deck: throughout top of deck, longitudinal and transverse cracks (up to 1/32 inch x 16 foot) at random

Span 5 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 5 Left Bridge Rail: BOTTOM OF CURB NEAR BENT 5 JOINT, (2) UP TO 6 INCH DIAMETER X 1 INCH DEEP SPALLS WITH EXPOSED PAINTED REBAR

Span 5 Left Bridge Rail: (not found 2025) BOTTOM OF CURB 10 FEET FROM BENT 5, 6 INCH DIAMETER SOUND PATCH

Span 4 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 4 Left Bridge Rail: AT 3RD POST FROM BENT 3, 6 INCH DIAMETER X 1 INCH DEEP SPALL IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION TO RETROFIT RAIL

Span 4 Right Bridge Rail: (not found 2025) AT MIDSPAN EXTERIOR FACE, 1.5 FEET LONG X 9 INCHES HIGH X UP TO 1.5 INCHES DEEP SPALL

Span 4 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 4 Deck: 3 FEET LONG X 2 FEET WIDE SOUND CONCRETE PATCH IN LEFT TRAVEL LANE AT BENT 4.

Span 3 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 3 Left Bridge Rail: between posts 7 and 8, outside face, spall (6 inch diameter x 1 inch deep)

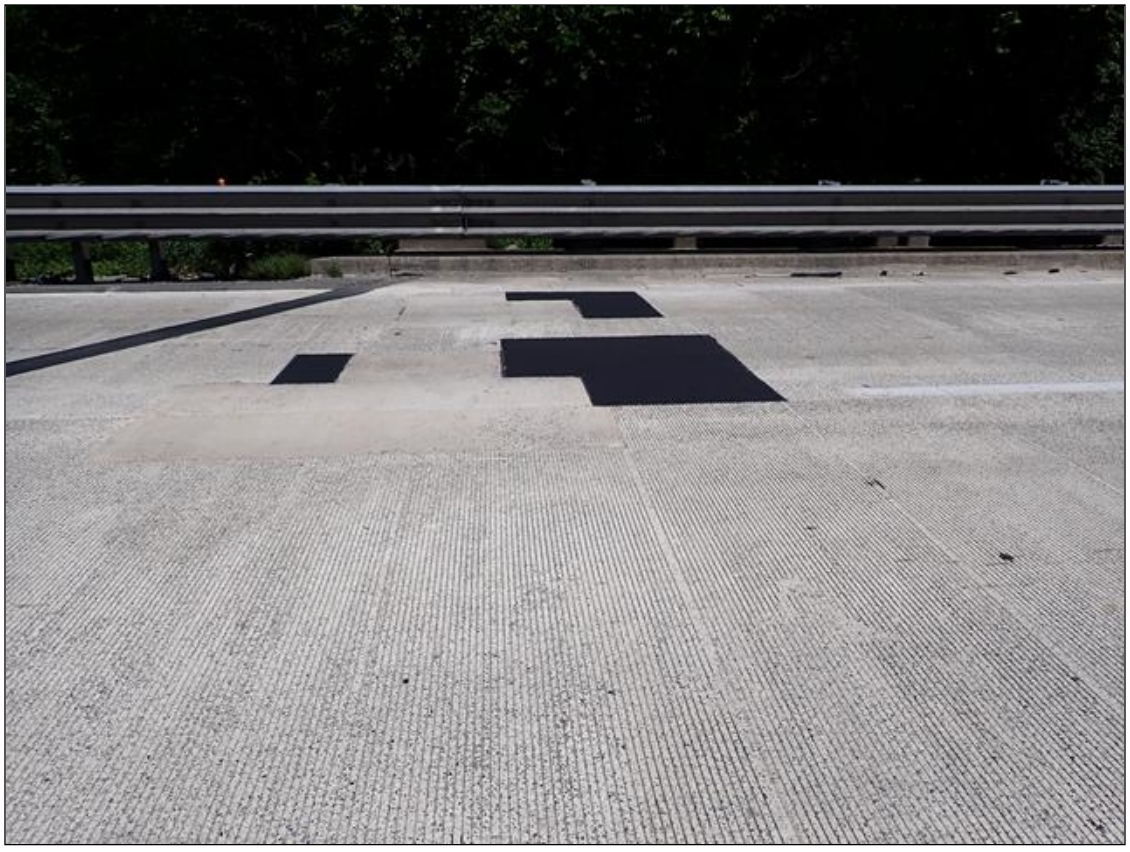
Span 2 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 3 Left Bridge Rail: 6 FEET AND 10 FEET FROM BENT 3 JOINT, BOTTOM OF CURB, TWO (2) SPALLS UP TO 8 INCHES DIAMETER X 1 INCH DEEP WITH EXPOSED REINFORCEMENT. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.

Span 1 Right Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND THROUGH HOLES UP TO 4 INCH X 2 INCH IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 1 Right Bridge Rail: 4 INCH X 3 INCH X 1 INCH DEEP SPALLS IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION TO RETROFIT RAIL AT ISOLATED LOCATIONS

Span 1 Right Bridge Rail: BEGINNING 8 FEET FROM END BENT 1, 20 FEET OF SOUND PATCHING WITH CRACKS (HAIRLINE) AND EFFLORESCENCE



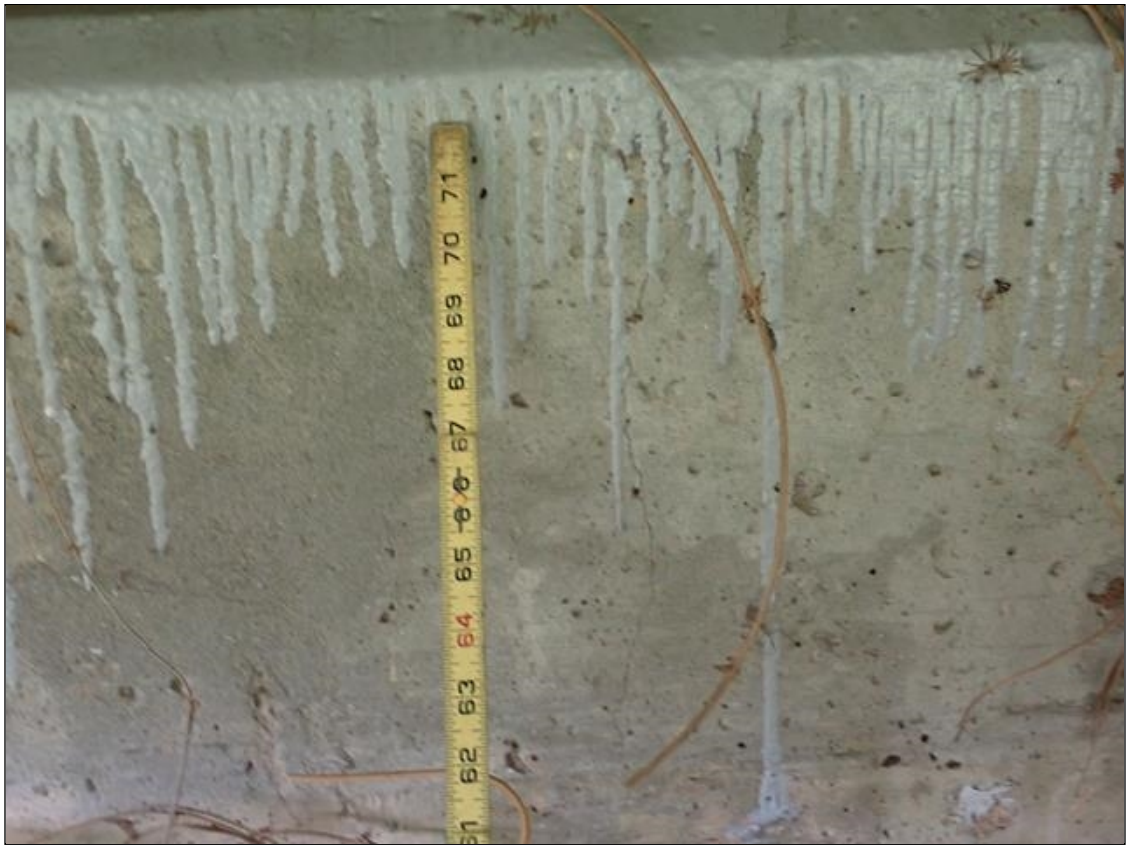
Span 1 Deck: NEAR END BENT 1 IN BOTH LANES PATCHES UP TO 6 FEET X 6 FEET WITH CRACKS (HAIRLINE)

Span 1 Deck: UP TO 5 FEET LONG X 1/32 INCH WIDE LONGITUDINAL AND DIAGONAL CRACKS IN BOTH TRAVEL LANES, SCATTERED.

Approach 1: throughout slab, longitudinal/diagonal/transverse cracks (up to 1/32 inch x 10 foot) at random

(PAR) southwest guardrail starting at bridge, impact damage (25 foot) with holes (up to 4 inch x 3 inch)

End Bent 1 Abutment: UP TO 0.03 INCH WIDE RANDOM CRACKING IN BACKWALL FOR FULL LENGTH.



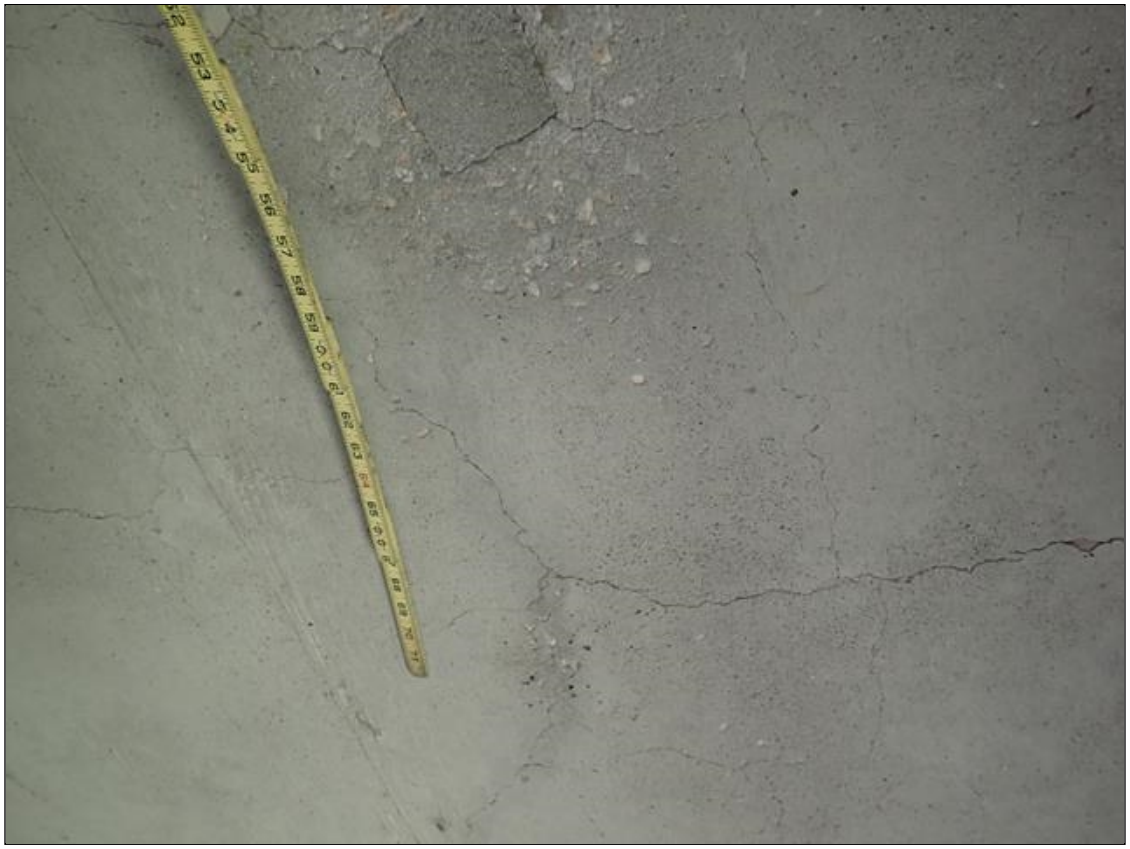
End Bent 1 Cap 1: along the length of the cap, vertical cracks (up to 1/32 inch x full height) at random

End Bent 1 Abutment: UP TO 1/16 INCH WIDE X 2 FEET LONG DIAGONAL CRACKS EXTENDING FROM BEARING AT ALL BEAMS.

Span 1 Deck: (PAR) UP TO 1 FOOT WIDE X 9 INCHES LONG X UP TO 1 INCH DEEP SPALL WITH EXPOSED REINFORCEMENT IN RIGHT OVERHANG, LOCATED AT THIRD DRAIN PIPE. 15 PERCENT SECTION LOSS IN EXPOSED REINFORCEMENT.

Span 1 Near Bearing 3: painted over section loss (less than 1/16 inch loss) with corrosion reactivating

end bent 1 slope protection, below bay 3, transverse cracks (up to 1/16 inch x 4 foot)



Span 1 Deck: UP TO 0.02 INCH WIDE RANDOM CRACKING SOME WITH EFFLORESCENCE IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT.

Span 1 Deck: underside of deck in bay 2, adjacent to 1st intermediate diaphragm from end bent 1, spall/delamination (8 inch diameter x 1 inch deep)

Span 1 Deck: UP TO 0.02 INCH WIDE RANDOM CRACKING SOME WITH EFFLORESCENCE IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT.

Span 1 Left Bridge Rail: BEGINNING 15 FEET FROM END BENT 1, 15 FEET LONG AREA OF SOUND PATCHING TO RAIL

Span 1 Left Bridge Rail: 6 INCH DIAMETER SOUND PATCHES AT ANCHOR BOLT CONNECTIONS TO RETROFIT RAIL

southwest wingwall extension, spall (28 inch x 10 inch x 2 inch deep)

End Bent 2 Cap 1: along abutment, vertical and horizontal cracks (up to 1/32 inch x 4 foot) at random

End Bent 2 Abutment: UP TO 1/16 INCH WIDE X 2 FEET LONG DIAGONAL CRACKS EXTENDING FROM BEARING AT ALL BEAMS

Span 8 Far Bearing 4: painted over section loss (approximately 80 percent remaining) with corrosion reactivating

Span 1 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS

Span 2 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS

along channel embankments, cutbank erosion (up to 4 foot x 2 foot deep)

along channel embankments, cutbank erosion (up to 4 foot x 2 foot deep)

Span 5 Left Retrofit Bridge Rail: (PAR) IMPACT DAMAGE WITH SCRAPE MARKS AND DENTS UP TO 1 INCH DEEP IN RETROFIT RAIL AT SCATTERED LOCATIONS

Stream Bed Soundings

(Profile diagram on following sheet)

County **JOHNSTON** Structure Number: **500101** Sounding Date **06/12/2025**

Sounding recorded from: **Top of Bridge Rail**

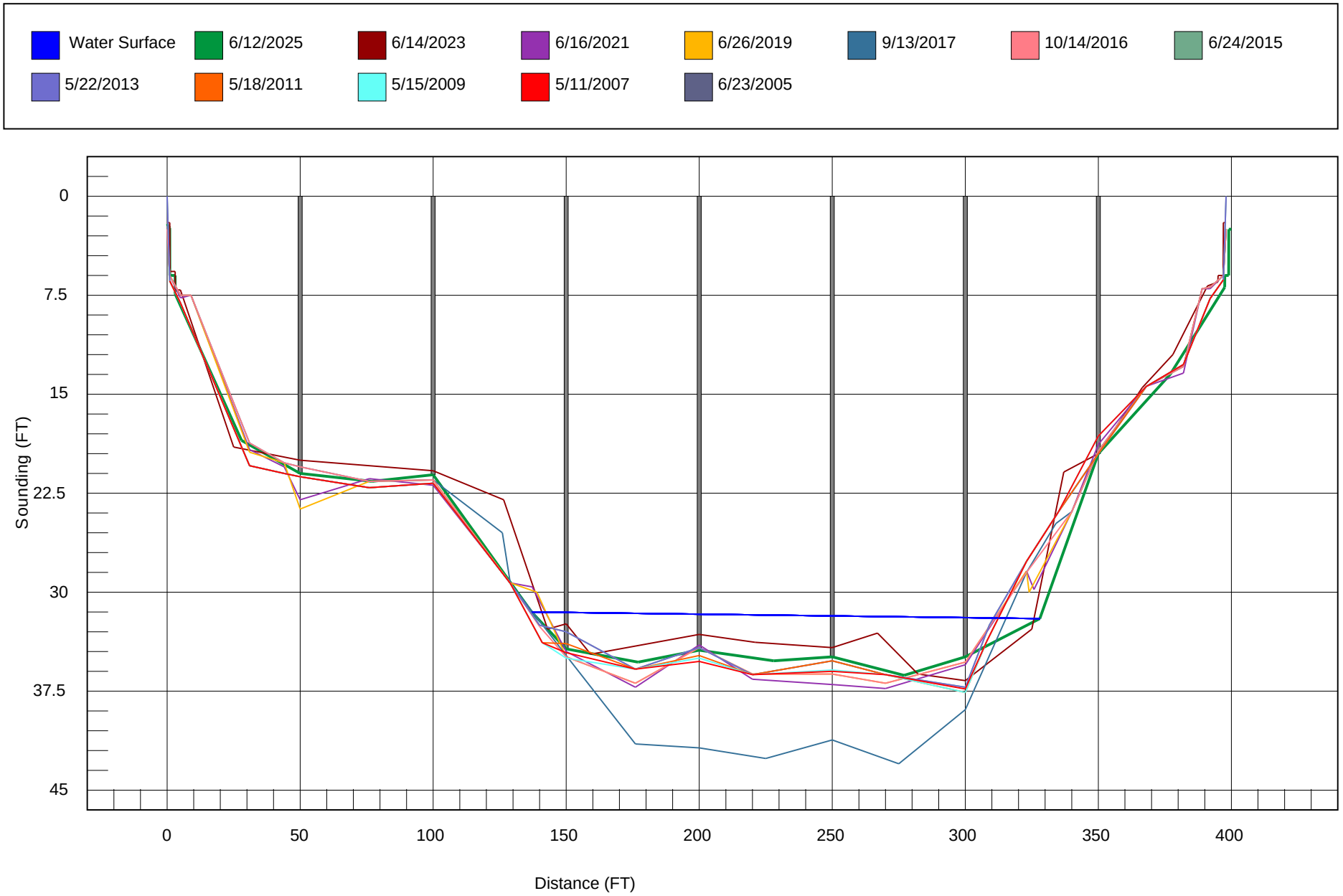
Highwater Mark Distance **25** Location of Highwater Mark **drift on banks**

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.100	0.000	fill face
1.000	2.400	0.000	top of wingwall
1.010	6.000	0.000	top of cap
3.000	6.000	0.000	face of cap
3.010	7.400	7.200	ground at cap
28.000	18.500	0.000	
50.000	21.000	22.200	bent 1
77.000	21.600	0.000	
100.000	21.100	22.000	bent 2
137.000	31.500	0.000	wswe
150.000	34.300	34.400	bent 3
177.000	35.300	0.000	
200.000	34.400	35.000	bent 4
228.000	35.200	0.000	
250.000	34.900	36.000	bent 5
277.000	36.300	0.000	
300.000	34.900	36.000	bent 6
328.000	32.000	0.000	wswe
350.000	19.500	17.100	bent 7
377.000	13.500	0.000	
397.500	6.900	7.000	ground at cap
397.510	6.000	0.000	face of cap
399.000	6.000	0.000	top of cap
399.010	2.500	0.000	top of wingwall
400.000	2.500	0.000	fill face

Bridge: 500101 County: JOHNSTON Date: 06/12/2025

STREAMBED PROFILE (Downstream)

Top of Rail = 0FT (Sounding)



Section 4: Features

Navigable Waterways

Subsection 4.1: Features

B.F.01 Feature Type and Designation: **W01**

B.F.02 Feature Location **B** Below Bridge

B.F.03 Feature Name: **Neuse River**

Subsection 4.5: Navigable Waterway

B.N.01 Navigable Waterway: **N - Not navigable waters**

B.N.02 Minimum Vertical Clearance:

B.N.03 Maximum Navigation Vertical Clearance:

B.N.04 Channel Width:

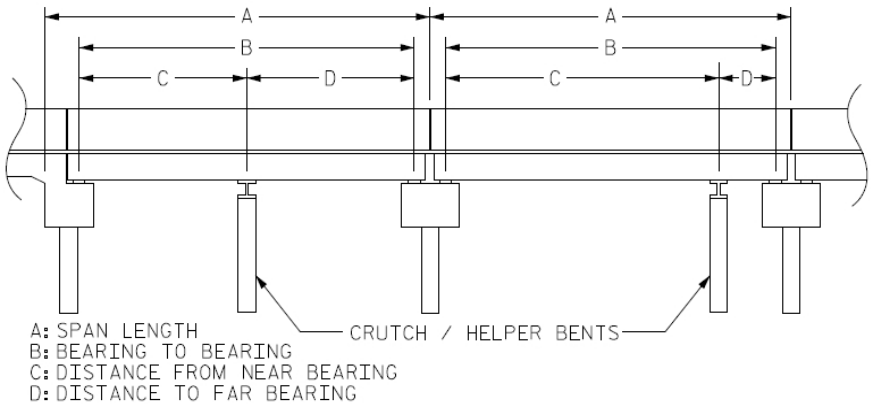
B.N.05 Channel Minimum Horizontal Clearance:

B.N.06 Substructure Navigation Protection: -

Structure Data Worksheet

Span Profile

County: **JOHNSTON** Structure Number: **500101**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	50.250	48.500			
2	50.000	49.000			
3	50.000	49.000			
4	50.000	49.000			
5	50.000	49.000			
6	50.000	49.000			
7	50.000	49.000			
8	50.250	48.500			

Structure Number: **500101** Span: **Carried**

Route Name: **I95 SBL** Type of Service **Mainline**

Direction of Traffic **South**

Maximum Usable Vertical Clearance	**99.900**	Feet
Minimum Vertical Clearance	**99.900**	Feet
Minimum Horizontal Clearance, Left		Feet
Minimum Horizontal Clearance, Right		Feet
Maximum Usable Surface Width	**28.200**	Feet

Section 4: Features

Highways

Subsection 4.1: Features

B.F.01 Feature Type and Designation: **H01**

B.F.02 Feature Location **C** **Carried on Bridge**

B.F.03 Feature Name: **I95 SBL**

Subsection 4.2: Routes

B.RT.01 Route Designation	B.RT.02 Route Number	B.RT.03 Route Direction	B.RT.04 Route Type	B.RT.05 Service Type
R01	95	SB - South	1 - Interstate Route	1 - Mainline

Subsection 4.3: Highways

B.H.01 Functional Classification **1**	B.H.02 Urban Code **82522**	B.H.03 NHS **Y**	B.H.04 National Freight **1**	B.H.05 STRAHNET Designation **N**
B.H.06 LRS Route ID **10095**	B.H.07 LRS Mile Point **91.500**	B.H.08 Lanes on the Highway **2**		
B.H.09 ADT **50,000**	B.H.10 Truck Traffic **7,590**	B.H.11 Year of ADT **2023**	B.H.12 Maximum Usable Vertical Clearance **99.900**	B.H.13 Minimum Vertical Clearance **99.900**
B.H.14 Minimum Horizontal Clearance, Left	B.H.15 Minimum Horizontal Clearance, Right	B.H.16 Maximum Usable Surface Width **28.2**	B.H.17 Bypass Detour Length **1**	
B.H.18 Crossing Bridge Number				

Bridge Inspection Field Sketch

Roadway	24ft Wide	2 Paved Lanes	*Looking South
Left Shoulder	2.5ft Wide	2.5ft Paved	
Right Shoulder	1.5ft Wide	1.5ft Paved	
Left Guardrail	2.5ft from road		
Right Guardrail	1.5ft from road		

MEASUREMENTS TAKEN 5' FROM END BENT 2

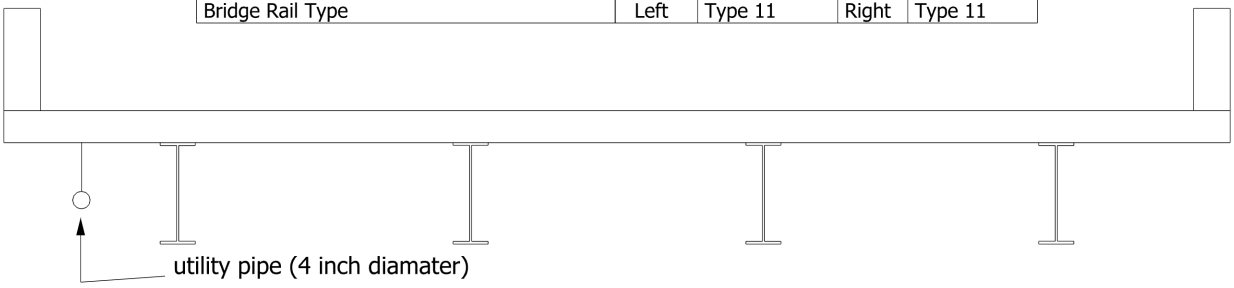
*REVISED: SHAYS 06/12/25

Title	Description
APPROACH ROADWAY	APPROACH ROADWAY

Structure No:	Drawn By:	Date:	Filename:
500101	INH	6/1/2023	S001194000426.wes

Bridge Inspection Field Sketch

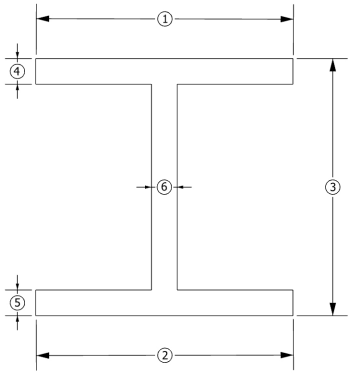
Deck Width/Out to Out	33.5ft	Between Rails			28.167ft
Clear Roadway	28.167ft	Wearing Surface			
Median Width		Median Height			
Curb Height		Left	8.5in	Right	8.5in
Sidewalk Width		Left		Right	
Clear Roadway (Rail to Median)		Left		Right	
Guardrail Width		Left	32in	Right	32in
Top of Rail to Deck/Wearing Surface		Left	2.792ft	Right	2.792ft
Bridge Rail Type		Left	Type 11	Right	Type 11



Measurements for Span #	1	ALL SPANS SIMILAR	
Deck Thickness	10.5in	Left Overhang	4.75ft
Top of Rail to Bottom of Beam (Avg)	6.438ft	Right Overhang	4.75ft

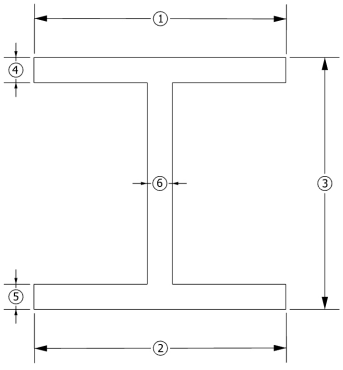
Beam #	Beam Type	Width	Height	Spacing	From
1	Plate Girder	11.5in	33.25in	4.75ft	Left Edge of Deck
2	Plate Girder	11.5in	33.25in	8ft	Beam 1
3	Plate Girder	11.5in	33.25in	8ft	Beam 2
4	Plate Girder	11.5in	33.25in	8ft	Beam 3

BEAMS 1&4, ALL SPANS



Span 1: Beam 1	
1	11.5in
2	11.5in
3	*31.5in
4	0.938in
5	0.938in
6	0.688in

BEAMS 2 & 3, ALL SPANS



Span 1: Beam 2	
1	11.5in
2	11.5in
3	*31.5in
4	0.875in
5	0.875in
6	0.688in

*REVISED: SHAYS 06/12/25

Title	Description
SUPERSTRUCTURE	SUPERSTRUCTURE

Structure No:	Drawn By:	Date:	Filename:
500101	INH	6/1/2023	S001194000427.wes

Bridge Inspection Field Sketch

Caps							
#	Name	Type	Length	Width	Height	Left Beam to End of Cap	Right Beam to End of Cap
1	Cap 1	Reinforced Concrete Pier Cap	31.167ft	30in	30in	1.5ft	1.5ft

Piles							
#	Name	Type	Spacing	From	Height/Diam.	Width	Length
1	Pile 1	Other Pile	1.583ft	Left End of Bent	22in	22in	13.5ft
2	Pile 2	Other Pile	4.667ft	Pile 1	22in	22in	13.5ft
3	Pile 3	Other Pile	4.667ft	Pile 2	22in	22in	13.5ft
4	Pile 4	Other Pile	4.667ft	Pile 3	22in	22in	13.5ft
5	Pile 5	Other Pile	4.667ft	Pile 4	22in	22in	13.5ft
6	Pile 6	Other Pile	4.667ft	Pile 5	22in	22in	13.5ft
7	Pile 7	Other Pile	4.667ft	Pile 6	22in	22in	13.5ft

NOTE: PILES ARE CONCRETE-ENCASED STEEL H-PILES

ALL BENTS SIMILAR

VERIFIED: SHAYS 06/12/25

Title	Description
SUBSTRUCTURE	SUBSTRUCTURE

Structure No:	Drawn By:	Date:	Filename:
500101	INH	6/1/2023	S001194000428.wes

bent 7

along west fascia, utility pipe (4 inch diameter)

end bent 2 and slope protection

intermediate diaphragm

end diaphragm

typical cover plate

interior bearing assembly

bent 6

bent 5

beams over bent

superstructure underside

bent 4

bent 3

bent 2

bent 1

end bent 1 and slope protection

platform used

southeast guardrail termination

south approach looking north

southeast guardrail

southwest guardrail

southeast guardrail attachment

southwest guardrail attachment

end bent 1 joint

bridge deck

right bridge rail

left bridge rail

bent 1 joint

south approach looking south

bent 2 joint

bent 3 joint

bent 4 joint

downstream looking east

upstream looking west

bent 5 joint

bent 6 joint

north approach looking north

bent 7 joint

end bent 2 joint

northeast guardrail attachment

northwest guardrail attachment

northeast guardrail transition

northeast guardrail

northwest guardrail

northwest guardrail transition

north approach looking north

northeast guardrail termination

southeast wingwall

east profile looking west

downstream profile looking west

end bearing assembly

southwest wingwall

west profile looking east

downstream profile looking west

northeast wingwall

downstream profile looking west

northwest wingwall

upstream profile looking east