



NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 STRUCTURE MANAGEMENT UNIT

ATTENTION: **PAR, DATA CHANGES, DAMAGE INSPECTION REQUESTED**

# Structure Safety Report

## Routine Element Inspection - Contract

STRUCTURE NUMBER: 910069      SAP STRUCTURE NO: 0920069      FHWA STRUCTURE NO: 000000001830069

DIVISION: 5      COUNTY: WAKE      INSPECTION DATE: 10/17/2023      FREQUENCY: 24 MONTHS

FACILITY CARRIED: NC50      MILE POST: \_\_\_\_\_

LOCATION: 0.3 MI. S. JCT. SR1004

FEATURE INTERSECTED: US70

LATITUDE: 35° 42' 23.46"      LONGITUDE: 78° 36' 48.5"

SUPERSTRUCTURE: RC FLOOR ON I-BEAMS

SUBSTRUCTURE: E.BT.1:RC;E.BT.2:RC CAP/PPC PILES,INT.BT:RCP&B/PILE FTG.

SPANS: 4 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

FRACTURE CRITICAL     TEMPORARY SHORING     SCOUR CRITICAL     SCOUR PLAN OF ACTION

GRADES: (Inspector/NBI Coding)    DECK 7/7    SUPERSTRUCTURE 5/5    SUBSTRUCTURE 6/6    CULVERT N/N

POSTED SV: Not Posted      POSTED TTST: Not Posted

OTHER SIGNS PRESENT: THREE (3) DELINEATORS, SIX (6) 14'-2" VERTICAL CLEARANCE SIGNS ALONG US70 WBL



Sign noticed issued for	Number Required
<u>NO</u> <b>WEIGHT LIMIT</b>	<u>0</u>
<u>NO</u> <b>DELINEATORS</b>	<u>0</u>
<u>NO</u> <b>NARROW BRIDGE</b>	<u>0</u>
<u>NO</u> <b>ONE LANE BRIDGE</b>	<u>0</u>
<u>NO</u> <b>LOW CLEARANCE</b>	<u>0</u>

**DIRECTION OF INSPECTION**      S-N

**DIRECTION MATCHES PLANS**      NO

LOOKING NORTH

INSPECTED BY Brian K Eggerton	SIGNATURE 	ASSISTED BY    B. Tallman
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NATIONAL BRIDGE INVENTROY ----- STRUCTURE INVENTORY AND APPRAISAL

12/21/2023

**IDENTIFICATION**

(1) STATE NAME NORTH CAROLINA BRIDGE **910069**  
 (8) STRUCTURE NUMBER (FEDERAL) **1830069**  
 (5) INVENTORY ROUTE (ON/UNDER) ON **31000500**  
 (2) STATE HIGHWAY DEPARTMENT DISTRICT **5**  
 (3) COUNTY CODE (FEDERAL) **183** (4) PLACE CODE **25480**  
 (6) FEATURE INTERSECTED **US70**  
 (7) FACILITY CARRIED **NC50**  
 (9) LOCATION **0.3 MI. S. JCT. SR1004**  
 (11) MILEPOINT **0.0**  
 (12) BASE HIGHWAY NETWORK **0**  
 (13) LRS INVENTORY ROUTE & SUBROUTE **0**  
 (16) LATITUDE **35° 42' 23.46"** (17) LONGITUDE **78° 36' 48.5"**  
 (98) BORDER BRIDGE STATE CODE PERCENT SHARED  
 (99) BORDER BRIDGE STRUCTURE NUMBER

SUFFICIENCY RATING **64.71**

STATUS =

**CLASSIFICATION** **CODE**

(112) NBIS BRIDGE SYSTEM **Y**  
 (104) HIGHWAY SYSTEM **Inventory Route not on NHS 0**  
 (26) FUNCTIONAL CLASS **Urban Minor Collector 16**  
 (100) STRAHNET HIGHWAY **Not a STRAHNET Route 0**  
 (101) PARALLEL STRUCTURE **0**  
 (102) DIRECTION OF TRAFFIC **2-way traffic 2**  
 (103) TEMPORARY STRUCTURE  
 (110) DESIGNATED NATIONAL NETWORK - **on national network for trucks 0**  
 (20) TOLL **On Free Road 3**  
 (21) MAINT - **01**  
 (22) OWNER - **01**  
 (37) HISTORICAL SIGNIFICANCE - **5**

**STRUCTURE TYPE AND MATERIAL**

(43) STRUCTURE TYPE MAIN **Steel**  
 TYPE **Stringer/Multi-beam or girder** CODE **302**  
 (44) STRUCTURE TYPE APPROACH  
 TYPE CODE  
 (45) NUMBER OF SPANS IN MAIN UNIT **4**  
 (46) NUMBER OF SPANS IN APPROACH **0**  
 (107) DECK STRUCTURE TYPE CODE **1**  
 (108) WEARING SURFACE/PROTECTIVE SYSTEM  
 (A) TYPE OF WEARING SURFACE CODE **6**  
 (B) TYPE OF MEMBRANE CODE **0**  
 (C) TYPE OF DECK PROTECTION CODE **0**

**CONDITION** **CODE**

(58) DECK **7**  
 (59) SUPERSTRUCTURE **5**  
 (60) SUBSTRUCTURE **6**  
 (61) CHANNEL & CHANNEL PROTECTION **N**  
 (62) CULVERTS **N**

**LOAD RATING AND POSTING** **CODE**

(31) DESIGN LOAD **H 15 2**  
 (63) OPERATING RATING METHOD - **Load Factor 1**  
 (64) OPERATING RATING - **HS-26 47**  
 (65) INVENTORY RATING METHOD - **1**  
 (66) INVENTORY RATING **HS-16 28**  
 (70) BRIDGE POSTING **No Posting Required 5**  
 (41) STRUCTURE OPEN, POSTED, OR CLOSED  
 DESCRIPTION **Open, no restriction A**

**AGE AND SERVICE**

(27) YEAR BUILT **1952**  
 (106) YEAR RECONSTRUCTED **1962**  
 (42) TYPE OF SERVICE ON - **Overpass Structure**  
 OFF - **Highway** CODE **61**  
 (28) LANES ON STRUCTURE **3** LANES UNDER STRUCTURE **8**  
 (29) AVERAGE DAILY TRAFFIC **11500**  
 (30) YEAR OF ADT **2019** (109) TRUCK ADT PCT **6**  
 (19) BYPASS OR DETOUR LENGTH **0.0**

**APPRAISAL** **CODE**

(67) STRUCTURAL EVALUATION **5**  
 (68) DECK GEOMETRY **N**  
 (69) UNDERCLEARANCES, VERT & HORIZ **4**  
 (71) WATERWAY ADEQUACY **N**  
 (72) APPROACH ROADWAY ALIGNMENT **8**  
 (36) TRAFFIC SAFETY FEATURES **0110**  
 (113) SCOUR CRITICAL BRIDGES **N**

**GEOMETRIC DATA**

(48) LENGTH OF MAXIMUM SPAN **65.0**  
 (49) STRUCTURE LENGTH **212.5**  
 (50) CURB OR SIDEWALK: LEFT **4.1** RIGHT **4.1**  
 (51) BRIDGE ROADWAY WIDTH, CURB TO CURB **41.1**  
 (52) DECK WIDTH OUT TO OUT **51.3**  
 (32) APPROACH ROADWAY WITH (W/ SHOULDERS) **45.0**  
 (33) BRIDGE MEDIAN **No median** CODE **0**  
 (34) SKEW **57** (35) STRUCTURE FLARED **0**  
 (10) INVENTORY ROUTE MIN VERT CLEAR **999.9**  
 (47) INVENTORY ROUTE TOTAL HORIZ CLEAR **41.1**  
 (53) MIN VERT CLEAR OVER BRIDGE RDWY **999.9**  
 (54) MIN VERT UNDERCLEAR: REFERENCE **H 14.2**  
 (55) MIN LAT UNDERCLEARANCE RT: REFERENCE **H 8.2**  
 (56) MIN LAT UNDERCLEARANCE LT: **14.0**

**PROPOSED IMPROVEMENTS**

(75) TYPE OF WORK CODE  
 (76) LENGTH OF STRUCTURE IMPROVEMENT  
 (94) BRIDGE IMPROVEMENT COST  
 (95) ROADWAY IMPROVEMENT COST  
 (96) TOTAL PROJECT COST  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE  
 (114) FUTURE ADT **23,000** YEAR OF FUTURE ADT **2040**

**NAVIGATION DATA**

(38) NAVIGATION CONTROL - CODE **N**  
 (111) PIER PROTECTION CODE  
 (39) NAVIGATION VERTICAL CLEARANCE **0.0**  
 (116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR **0.0**  
 (40) NAVIGATION HORIZONTAL CLEARANCE **0.0**

**INSPECTION**

(90) INSPECTION DATE **10/23** (91) FREQUENCY **24**  
 (92) CRITICAL FEATURE INSPECTION (93) CFI DATE  
 A) FRACTURE CRIT DETAIL A)  
 B) UNDERWATER INSP B)  
 C) OTHER SPECIAL INSP C)

SCOUR

Span Number	Facility Carried	Inventory Route	Maximum Minimum Vertical Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily Traffic	Total Horizontal Clearance	See Note Below					STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
												Reference Feature	Minimum Vertical Underclearance	Righth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade				
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
2	US70E	21000700	15.3	0.0	1	20070	14	2	14750	2019	41.6	H	15.3	13.6	13.4	6		1	<input type="checkbox"/>	<input type="checkbox"/>
3	US70W	21000700	14.3	0.0	1	20070	14	2	14750	2019	37.1	H	14.2	8.2	14.0	4		1	<input type="checkbox"/>	<input type="checkbox"/>

Note: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69.

## Superstructure Build Details

Span Number 1

Span Length 42.500

Skew 33.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2179 Square Feet		
7	Plate Girder	Steel Open Girder/Beam	294 Feet	Legacy Red Lead Primer Systems with Various Topcoats	2394
1	Asphalt Wearing Surface	Wearing Surface	1743 Square Feet		
2	Delineator	Warning Signs	2 Each		
2	Concrete and Metal Railing	Other Bridge Railing	86 Feet		
14	Other Bearing	Other Bearings	14 Each	Legacy Red Lead Primer Systems with Various Topcoats	14

Span Number 2

Span Length 66.000

Skew 33.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
7	Plate Girder	Steel Open Girder/Beam	462 Feet	Legacy Red Lead Primer Systems with Various Topcoats	3787
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3383 Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	2706 Square Feet		
1	Standard Joint	Pourable Joint Seal	49 Feet		
2	Concrete and Metal Railing	Other Bridge Railing	132 Feet		
14	Other Bearing	Other Bearings	14 Each	Legacy Red Lead Primer Systems with Various Topcoats	14

Span Number 3

Span Length 60.500

Skew 33.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	49 Feet		
7	Plate Girder	Steel Open Girder/Beam	427 Feet	Legacy Red Lead Primer Systems with Various Topcoats	3579
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3101 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	120 Feet		
6	Other warning sign	Other Warning Signs	6 Each		

## Superstructure Build Details

1	Asphalt Wearing Surface	Wearing Surface	2481 Square Feet	
14	Other Bearing	Other Bearings	14 Each	Legacy Red Lead Primer Systems with Various Topcoats 24

**Span Number** 4

**Span Length** 42.500

**Skew** 33.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Delineator	Warning Signs	1 Each		
1	Asphalt Wearing Surface	Wearing Surface	1743 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	84 Feet		
14	Other Bearing	Other Bearings	14 Each	Legacy Red Lead Primer Systems with Various Topcoats	14
7	Plate Girder	Steel Open Girder/Beam	294 Feet	Legacy Red Lead Primer Systems with Various Topcoats	2541
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2179 Square Feet		
1	Standard Joint	Pourable Joint Seal	49 Feet		

## Structure Element Scoring

Structure Number: **910069**

Inspection Date **10/17/202**

**3**

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	10,842	9,904	769	169	0
107		Steel Open Girder/Beam	Beam	1,477	73	1,267	77	60
515	107	Steel Protective Coating	Beam	12,301	6,368	266	2,535	3,132
205		Reinforced Concrete Column	Piles and Columns	19	12	1	6	0
215		Reinforced Concrete Abutment	Abutments	130	125	2	3	0
220		Reinforced Concrete Pile Cap/Footing	Footing	34	34	0	0	0
226		Prestressed Concrete Pile	Piles and Columns	8	8	0	0	0
226		Prestressed Concrete Pile	Foundation Pile	3	3	0	0	0
234		Reinforced Concrete Pier Cap	Caps	300	202	31	67	0
301		Pourable Joint Seal	Expansion Joints	147	122	25	0	0
316		Other Bearings	Bearing Device	56	0	17	36	3
515	316	Steel Protective Coating	Bearing Device	66	10	0	17	39
333		Other Bridge Railing	Bridge Rail	422	143	279	0	0
510		Wearing Surface	Wearing Surfaces	8,673	7,294	0	1,379	0
602		Warning Signs	Ground Mounted Signs	3	3	0	0	0
603		Other Warning Signs	Ground Mounted Signs	6	6	0	0	0

# Summary of Maintenance Needs

## Maintenance By Defect

Structure Number: **910069**

Inspection Date: **10/17/2023**

<b>MMS Code</b>	<b>Element Name</b>	<b>Defect Name</b>	<b>Recommended Quantity</b>
3326	Reinforced Concrete Deck	Delamination/Spall	918 Square Feet
3326	Reinforced Concrete Deck	Cracking (RC and Other)	300 Square Feet
3314	Steel Open Girder/Beam	Corrosion	66 Feet
3314	Steel Open Girder/Beam	Damage	1 Feet
3314	Steel Open Girder/Beam	Distortion	1 Feet
3348	Reinforced Concrete Column	Delamination/Spall	8 Each
3348	Reinforced Concrete Column	Cracking (RC and Other)	35 Each
3350	Reinforced Concrete Abutment	Delamination/Spall	3 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	1 Feet
3348	Reinforced Concrete Pier Cap	Efflorescence/Rust Staining	15 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	22 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	35 Feet
3334	Other Bearings	Corrosion	39 Each
3334	Other Bearings	Connection	6 Each
3334	Other Bearings	Loss of Bearing Area	1 Each
3318	Other Bridge Railing	Damage	1 Feet
3318	Other Bridge Railing	Connection	1 Feet
2816	Wearing Surface	Crack (Wearing Surface)	1346 Square Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	33 Square Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	2732 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	3238 Square Feet

## Element Structure Maintenance Quantities

Structure Number: **910069**

Inspection Date **10/17/2023**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	68	1477	60.000	77.000	1267.000	73.000
Beam	3342	Clean and Paint Steel	5914	12301	3132.000	2535.000	266.000	6368.000
Bearing Device	3334	Bridge Bearing	46	56	3.000	36.000	17.000	0.000
Bearing Device	3342	Clean and Paint Steel	56	66	39.000	17.000	0.000	10.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	2	422	0.000	0.000	279.000	143.000
Deck	3326	Maintenance of Concrete Deck	1218	10842	0.000	169.000	769.000	9904.000
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	147	0.000	0.000	25.000	122.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	3	0.000	0.000	0.000	3.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	6	0.000	0.000	0.000	6.000
Wearing Surfaces	2816	Asphalt Surface Repair	1379	8673	0.000	1379.000	0.000	7294.000
Abutments	3350	Maintenance of Concrete Wings and Wall	3	130	0.000	3.000	2.000	125.000
Caps	3348	Maintenance of Concrete Substructure	73	300	0.000	67.000	31.000	202.000
Footing	3348	Maintenance of Concrete Substructure	0	34	0.000	0.000	0.000	34.000
Foundation Pile	3348	Maintenance of Concrete Substructure	0	3	0.000	0.000	0.000	3.000
Piles and Columns	3348	Maintenance of Concrete Substructure	43	19	0.000	6.000	1.000	12.000
Piles and Columns	3348	Maintenance of Concrete Substructure	0	8	0.000	0.000	0.000	8.000



# Priority Actions Request

Structure Number 910069

## Span1

3314	Beam 1	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	2	Span 1 Beam 1: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 16 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1.	
3314	Beam 2	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	1	Span 1 Beam 2: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 3 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1.	
3314	Beam 3	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	3	Span 1 Beam 3: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO 5/16 INCH RESIDUAL WEB AND 35 INCH LONG X 10 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE AT BENT 1.	
2	Corrosion	1	Span 1 Beam 3: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 12 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1.	
3314	Beam 4	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	5	Span 1 Beam 4: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14 INCH LONG X 24 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB AND 58 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.	
3314	Beam 5	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	4	Span 1 Beam 5: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 4 INCH X 2 INCH HOLE AT END DIAPHRAGM AND 38 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.	
3314	Beam 6	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	4	Span 1 Beam 6: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 13 INCH LONG X 19 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 40 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.	

? Priority Action Request (PAR)
 1 Assigned Routine Maintenance
 2 Assigned Priority Maintenance
 3 Assigned Critical Find

# Priority Actions Request

Structure Number 910069

3314	Beam 7	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	3	Span 1 Beam 7: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 21 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 8 INCH X 3 INCH AREA OF UP TO 1/2 INCH DIAMETER HOLES IN WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 1/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.	
2	Corrosion	1	Span 1 Beam 7: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 2 INCH WIDE DOWN TO 3/16 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1.	
2	Connection	1	Span 1 Beam 7 - Far Bearing: MISSING ANCHOR BOLT ON LEFT SIDE.	

## Span2

3314	Beam 1	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Damage	1	Span 2 Beam 1: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 3 INCH X 1 INCH X 1/16 INCH GOUGE AND UP TO 1/2 INCH OF VERTICAL DEFLECTION AND 1/2 INCH OF RIGHT LATTERAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1.	

3314	Beam 5	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	3	Span 2 Beam 5: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 17 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN RESIDUAL WEB AND 18 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.	
2	Corrosion	1	Span 2 Beam 5: CORROSION THROUGHOUT RIGHT SIDE STIFFENER WITH 4 INCH X 2 INCH LOSS OF SECTION AT BENT 1 BEARING.	

3314	Beam 6	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	2	Span 2 Beam 6: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 10 INCH LONG X 16 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 17 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE AT BENT 1.	

3314	Beam 7	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	2	Span 2 Beam 7: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18 INCH LONG X 20 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 23 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.	
2	Corrosion	5	Span 2 Beam 7: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM	

? Priority Action Request (PAR)
 1 Assigned Routine Maintenance
 2 Assigned Priority Maintenance
 3 Assigned Critical Find

# Priority Actions Request

Structure Number 910069

FLANGE UP TO 52 INCH LONG X 20 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2.

- ② Corrosion 1 Span 2 Beam 7: CORROSION THROUGHOUT LEFT SIDE STIFFENER WITH 7 INCH X 4 INCH LOSS OF SECTION AT BENT 1 BEARING.
- ② Corrosion 1 Span 2 Beam 7: CORROSION THROUGHOUT VERTICAL STIFFENER WITH 15 INCH X 5 INCH LOSS OF SECTION ON LEFT SIDE AT BENT 2 BEARING.

**2816 Wearing Surface Asphalt Wearing Surface**

Priority Level	Defect Type	Quantity	Defect Description
②	Delamination/Spall	4	Span 2 Wearing Surface: 42 INCH X 8 INCH X 3 INCH DEEP POT HOLE IN CENTER OF NORTHBOUND LANE ABOVE BENT 1.

## Span3

**3314 Beam 1 Plate Girder**

Priority Level	Defect Type	Quantity	Defect Description
②	Corrosion	1	Span 3 Beam 1: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 4 INCH X 4 INCH AT BENT 3.
①	Connection	1	Span 3 Beam 1 - Far Bearing: MISSING ANCHOR NUT ON EAST SIDE.

**3314 Beam 4 Plate Girder**

Priority Level	Defect Type	Quantity	Defect Description
②	Corrosion	3	Span 3 Beam 4: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 26 INCH LONG X 6 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 34 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2.

**3334 Beam 7 Plate Girder**

Priority Level	Defect Type	Quantity	Defect Description
②	Loss of Bearing Area	1	Span 3 Beam 7 - Near Bearing: AREA OF DELAMINATION IN SPAN 3 FACE OF CAP BENEATH BEAM 7 NEAR BEARING WITH APPROXIMATELY 3 INCH X 3 INCH LOSS OF BEARING.

**2816 Wearing Surface Asphalt Wearing Surface**

Priority Level	Defect Type	Quantity	Defect Description
②	Delamination/Spall	9	Span 3 Wearing Surface: 96 INCH LONG X 8 INCH WIDE X 3 INCH DEEP POT HOLE AND FAILED REPAIR IN CENTER OF NORTHBOUND LANE ABOVE BENT 2.

# Priority Actions Request

Structure Number 910069

## Span 4

Priority Level	Defect Type	Quantity	Defect Description
<b>3334 Beam 1 Plate Girder</b>			
2	Connection	1	Span 4 Beam 1 - Near Bearing: MISSING ANCHOR ROD ON BOTH SIDES.
2	Corrosion	6	Span 4 Beam 1: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68 INCH LONG X UP TO 20 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB WITH PIN HOLES BEHIND STIFFENER AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3.
2	Corrosion	1	Span 4 Beam 1: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 5 INCH X 4 INCH AT BENT 3.
<b>3334 Beam 4 Plate Girder</b>			
2	Connection	1	Span 4 Beam 4 - Near Bearing: MISSING ANCHOR ROD ON WEST SIDE.
2	Corrosion	5	Span 4 Beam 4: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 47 INCH LONG X 18 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3.
<b>3334 Beam 5 Plate Girder</b>			
2	Connection	1	Span 4 Beam 5 - Near Bearing: MISSING ANCHOR ROD ON EAST SIDE.
2	Corrosion	2	Span 4 Beam 5: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 16 INCH LONG X 6 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 14 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3.
<b>3314 Beam 7 Plate Girder</b>			
2	Corrosion	3	Span 4 Beam 7: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X 19 INCH HIGH DOWN TO 3/8 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 3/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3.
<b>2816 Wearing Surface Asphalt Wearing Surface</b>			
2	Patched Area/Pothole (Missing Surface)	3	Span 4 Wearing Surface: 28 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF SOUTHBOUND LANE ABOVE BENT 3.

## Bent 2

? Priority Action Request (PAR)
 1 Assigned Routine Maintenance
 2 Assigned Priority Maintenance
 3 Assigned Critical Find

# Priority Actions Request

Structure Number 910069

3348      Cap 1      Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Bent 2 Cap 1: 9 INCH WIDE X 10 INCH HIGH AREA OF DELAMINATION WITH 15 INCH WIDE X 10 INCH HIGH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN TOP AND SPAN 3 FACE OF CAP BENEATH BEAM 7 BEARING.

## Element Condition and Maintenance Data

Structure Number: 910069

Inspection Date: 10/17/2023

### Span 1 Deck Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	2,179	1,751	425	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 12	Delamination/Spall	(3) SPALLS UP TO 6 INCH X 6 INCH X 1 INCH DEEP WITH EXPOSED REBAR IN BOTTOM OF LEFT OVERHANG AT FAR END	3	3	3	Square Feet
<input checked="" type="checkbox"/> 12	Abrasion/Wear (PSC/RC)	WEAR AND 1/32 INCH MAP CRACKING AND SHALLOW SURFACE SPALLING THROUGHOUT SIDEWALKS.	2			Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	AREAS OF POORLY CONSOILDATED CONCRETE IN VARIOUS LOCATIONS IN BOTTOM OF DECK	2	425	425	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	42	0	40	0	2	Feet
515	Steel Protective Coating	342	196	84	0	62	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 16 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1	4	2	2	Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	40		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	62	62	Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	2	84	84	Square 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	42	0	41	0	1	Feet
515	Steel Protective Coating	342	216	0	84	42	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 3 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1	4	1	1	Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	41		Feet

Structure Number: **910069**

Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	42	42	Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	84	84	Square Feet

**General Comments**

38 INCH LONG X 7 INCH WIDE X 1 INCH DEEP SPALL WITH EXPOSED REBAR IN END DIAPHRAGM ADJACENT TO BEAM 3 AT BENT 1

**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	42	0	38	0	4	Feet
515	Steel Protective Coating	342	216	0	84	42	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO 5/16 INCH RESIDUAL WEB AND 35 INCH LONG X 10 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE AT BENT 1	4	3	3	Feet
<input checked="" type="checkbox"/>	107	Corrosion	PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 12 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1	4	1	1	Feet
<input checked="" type="checkbox"/>	107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	38		Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	42	42	Square Feet
<input checked="" type="checkbox"/>	515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	84	84	Square 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	42	17	20	0	5	Feet
515	Steel Protective Coating	342	208	50	84	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14 INCH LONG X 24 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB AND 58 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1	4	5	5	Feet
<input checked="" type="checkbox"/>	107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	20		Feet
<input checked="" type="checkbox"/>	515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	84	84	Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	COATING FAILED	2	50	50	Square Feet

**General Comments**

90 INCH LONG X 10 INCH AREA OF DELAMINATION IN BOTTOM AND SPAN 1 FACE OF END DIAPHRAGM IN BAY  
4 AT BENT 1

**Span 1****Beam 5****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	42	18	20	0	4 Feet
515	Steel Protective Coating	342	210	0	84	48 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 4 INCH X 2 INCH HOLE AT END DIAPHRAGM AND 38 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1	4	4	4 Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	20	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	48	48 Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	84	84 Square Feet

**General Comments****Span 1****Beam 6****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	42	18	20	0	4 Feet
515	Steel Protective Coating	342	210	0	84	48 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 13 INCH LONG X 19 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 40 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1	4	4	4 Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	20	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	48	48 Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	84	84 Square Feet

**General Comments**



**Span 1** **Beam 7**  
**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	42	18	20	0	4 Feet
515	Steel Protective Coating	342	210	0	84	48 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 21 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 8 INCH X 3 INCH AREA OF UP TO 1/2 INCH DIAMETER HOLES IN WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 1/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1	4	3	3 Feet
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 2 INCH WIDE DOWN TO 3/16 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1	4	1	1 Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	20	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	48	48 Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	84	84 Square Feet

General Comments

**Span 1** **Wearing Surface**  
**Asphalt Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	1,743	1,302	0	441	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 510	Crack (Wearing Surface)	INTERMITTENT LONGITUDINAL AND TRANSVERSE CRACKING (UP TO 1/4 INCH) THROUGHOUT ASPHALT WEARING SURFACE.	3	385	385 Square Feet
<input checked="" type="checkbox"/> 510	Crack (Wearing Surface)	UP TO 1/8 INCH TRANSVERSE CRACKS ALONG END BENT 1	3	56	56 Square Feet

General Comments

**Span 1** **Left Bridge Rail**  
**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	43	18	25	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS	2	25	Feet

General Comments

**Span 1 Right Bridge Rail**  
**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	43	16	27	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 333	Connection	LOOSE ANCHOR NUT AT SOUTHEAST CORNER OF RAIL POST 2	2	1	1 Feet
<input checked="" type="checkbox"/> 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS	2	25	Feet
<input checked="" type="checkbox"/> 333	Damage	WELDED REPAIR TO BOTTOM OF ALUMINUM POST 1	2	1	1 Feet

General Comments

**Span 1 Near Bearing 1**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

General Comments

**Span 1 Far Bearing 1**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

General Comments

**Span 1 Near Bearing 2**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 1 Far Bearing 2**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 1 Near Bearing 3**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 1 Far Bearing 3**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each

Structure Number: **910069**

Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet
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**General Comments**

**Span 1 Near Bearing 4**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 1 Far Bearing 4**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 1 Near Bearing 5**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 1 Far Bearing 5**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 1 Near Bearing 6**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 1 Far Bearing 6**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 1 Near Bearing 7**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each

<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet
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**General Comments****Span 1 Far Bearing 7****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	<b>316</b>	Connection	PAR: MISSING ANCHOR BOLT ON LEFT SIDE	3	1	1	Each
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3		1	Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square 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	3,383	3,056	324	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	<b>12</b>	Delamination/Spall	6 INCH X 36 INCH X 1 INCH DEEP SPALL WITH EXPOSED REINFORCING, EAST OVERHANG AT BENT 1.	3	3	3	Square Feet
<input checked="" type="checkbox"/>	<b>12</b>	Cracking (RC and Other)	UP TO 1/16 INCH LONGITUDINAL CRACKS AND HAIRLINE MAP CRACKING IN TOP OF SIDEWALKS IN VARIOUS LOCATIONS THROUGHOUT	2		100	Square Feet
<input checked="" type="checkbox"/>	<b>12</b>	Delamination/Spall	(20) 4 INCH X 1 INCH X 1/2 INCH SPALLS WITH EXPOSED REINFORCING, AT RANDOM ALONG EAST EDGE OF EAST OVERHANG	2	20	20	Square Feet
<input checked="" type="checkbox"/>	<b>12</b>	Delamination/Spall	(4) 6 INCH DIAMETER X 1/2 INCH DEEP SPALLS WITH EXPOSED REBAR IN LEFT OVERHANG AT BENT 2	2	4	4	Square Feet
<input checked="" type="checkbox"/>	<b>12</b>	Delamination/Spall	AREAS OF POORLY CONSOLIDATED CONCRETE IN BOTTOM OF DECK IN VARIOUS LOCATIONS	2	300	300	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	66	0	64	2	0	Feet
515	Steel Protective Coating	541	211	0	132	198	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: **910069**

Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>107</b>	Damage	PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 3 INCH X 1 INCH X 1/16 INCH GOUGE AND UP TO 1/2 INCH OF VERTICAL DEFLECTION AND 1/2 INCH OF RIGHT LATTERAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1	3	1	Feet
<input checked="" type="checkbox"/>	<b>107</b>	Distortion	IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 3 INCH X 1 INCH X 1/16 INCH GOUGE AND UP TO 1/2 INCH OF VERTICAL DEFLECTION AND 1/2 INCH OF RIGHT LATTERAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1	3	1	Feet
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	64	Feet
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198 Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132 Square 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	66	0	66	0	0 Feet
515	Steel Protective Coating	541	211	0	132	198 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	66	Feet
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198 Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132 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	66	0	66	0	0 Feet
515	Steel Protective Coating	541	211	0	132	198 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	66	Feet
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198 Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132 Square Feet

**General Comments**

38 INCH LONG X 10 INCH WIDE X 2 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 2 FACE OF END DIAPHRAGM AT BENT 1

**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	66	0	63	3	0	Feet
515	Steel Protective Coating	541	211	0	132	198	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	CORROSION ALONG WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 16 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 24 INCH LONG X 10 INCH WIDE DOWN TO 11/16 INCH RESIDUAL BOTTOM FLANGE AT BENT 1	3	2	2	Feet
<input checked="" type="checkbox"/> 107	Damage	BEAM 4 IN SPAN 2 HAS A 7 INCH LONG X 2 INCH WIDE X 1/16 INCH DEEP GOUGE IN BOTTOM FLANGE COVER PLATE. LOCATED 26 FEET FROM NORTH END OF BEAM.	3	1	1	Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	63		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198	Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132	Square Feet

**General Comments**

42 INCH LONG X 10 INCH WIDE X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 2 FACE OF END DIAPHRAGM AT BENT 1

**Span 2****Beam 5****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	66	0	61	1	4	Feet
515	Steel Protective Coating	541	211	0	132	198	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 17 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN RESIDUAL WEB AND 18 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1	4	3	3	Feet
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER WITH 4 INCH X 2 INCH LOSS OF SECTION AT BENT 1 BEARING	4	1	1	Feet
<input checked="" type="checkbox"/> 107	Damage	3 SMALL GOUGES UP TO 2 INCH WIDE X 1/8 INCH DEEP IN BOTTOM FLANGE COVER PLATE LOCATED 26 FEET FROM NORTH END OF BEAM.	3	1		Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	61		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198	Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132	Square Feet

**General Comments**

72 INCH LONG X 10 INCH WIDE X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 2 FACE



## OF END DIAPHRAGM AT BENT 1

**Span 2****Beam 6****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	66	0	64	0	2 Feet
515	Steel Protective Coating	541	211	132	0	198 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 10 INCH LONG X 16 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 17 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE AT BENT 1	4	2	2 Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	64	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198 Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	2	132	132 Square Feet

**General Comments****Span 2****Beam 7****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	66	0	56	1	9 Feet
515	Steel Protective Coating	541	211	0	132	198 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18 INCH LONG X 20 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 23 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1	4	2	2 Feet
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 52 INCH LONG X 20 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2	4	5	3 Feet
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION THROUGHOUT LEFT SIDE STIFFENER WITH 7 INCH X 4 INCH LOSS OF SECTION AT BENT 1 BEARING	4	1	Feet
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION THROUGHOUT VERTICAL STIFFENER WITH 15 INCH X 5 INCH LOSS OF SECTION ON LEFT SIDE AT BENT 2 BEARING	4	1	Feet
<input checked="" type="checkbox"/> 107	Damage	PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 1 1/2 INCH X 1/2 INCH X 1/16 INCH GOUGE AND 11 INCH LONG BROKEN WIELD WITH UP TO 1 INCH OF VERTICAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1	3	1	Feet

Structure Number: **910069**

Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	56	Feet
<input checked="" type="checkbox"/>	<b>107</b>	Distortion	PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 1 1/2 INCH X 1/2 INCH X 1/16 INCH GOUGE AND 11 INCH LONG BROKEN WIELD WITH UP TO 1 INCH OF VERTICAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1	2		Feet
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198 Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132 Square Feet

**General Comments**

**Span 2 Wearing Surface Asphalt Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	2,706	2,596	0	110	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	<b>510</b> Crack (Wearing Surface)	UP TO 1 INCH TRANSVERSE, LONGITUDINAL, AND DIAGONAL CRACKS IN VARIOUS LOCATIONS THROUGHOUT	3	50	50 Square Feet
<input checked="" type="checkbox"/>	<b>510</b> Crack (Wearing Surface)	UP TO 1/8 INCH TRANSVERSE CRACK ALONG BENT 1	3	56	56 Square Feet
<input checked="" type="checkbox"/>	<b>510</b> Patched Area/Pothole (Wearing Surface)	PAR: 42 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF NORTHBOUND LANE ABOVE BENT 1	3	4	4 Square Feet

**General Comments**

**Span 2 Left Bridge Rail Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	66	26	40	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	<b>333</b> Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS	2	40	Feet

**General Comments**

**Span 2 Right Bridge Rail Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	66	26	40	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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<input checked="" type="checkbox"/>	<b>333</b>	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS	2	40	Feet
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**General Comments****Span 2 Near Bearing 1****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments****Span 2 Far Bearing 1****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	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	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	SURFACE CORROSION THROUGHOUT	2	1	Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

**General Comments****Span 2 Near Bearing 2****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 2 Far Bearing 2**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet

**General Comments**

**Span 2 Near Bearing 3**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 2 Far Bearing 3**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet

**General Comments**

**Span 2 Near Bearing 4**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each

Structure Number: **910069**

Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet
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**General Comments**

**Span 2 Far Bearing 4**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	SURFACE CORROSION THROUGHOUT	2	1	Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

**General Comments**

**Span 2 Near Bearing 5**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 2 Far Bearing 5**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	SURFACE CORROSION THROUGHOUT	2	1	Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

**General Comments**

**Span 2 Near Bearing 6**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

General Comments

**Span 2 Far Bearing 6**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	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
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

General Comments

**Span 2 Near Bearing 7**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

General Comments

**Span 2 Far Bearing 7**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each

<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet
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**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	3,101	2,918	20	163	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	<b>12</b>	Cracking (RC and Other)	UP TO 1/16 INCH LONGITUDINAL CRACKS AND HAIRLINE MAP CRACKING IN TOP OF SIDEWALKS IN VARIOUS LOCATIONS THROUGHOUT	3		100	Square Feet
<input checked="" type="checkbox"/>	<b>12</b>	Delamination/Spall	FULL LENGTH SPALL (6 INCH X 6 INCH) ALONG RIGHT SIDE OF BEAM 7	3	60	60	Square Feet
<input checked="" type="checkbox"/>	<b>12</b>	Delamination/Spall	36 INCH X 8 INCH X 1 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK IN BAY 6 NEAR MIDSPAN	3	3	3	Square Feet
<input checked="" type="checkbox"/>	<b>12</b>	Delamination/Spall	SPALLING UP TO 6 INCH DIAMETER X 3/4 INCH DEEP IN VARIOUS LOCATIONS ALONG EDGES OF BEAMS 3, 4 AND 5 TOP FLANGE	3	100	100	Square Feet
<input checked="" type="checkbox"/>	<b>12</b>	Patched Areas	20 SQUARE FEET PATCHING TO UNDERSIDE OF DECK IN BAY 5, AT MIDSPAN.	2	20		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	61	0	58	2	1	Feet
515	Steel Protective Coating	495	165	0	132	198	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 4 INCH X 4 INCH AT BENT 3	4	1	1	Feet
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24 INCH LONG X 18 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 24 INCH LONG X 10 INCH WIDE DOWN TO 3/4 INCH RESIDUAL BOTTOM FLANGE AT BENT 3	3	2	2	Feet
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	15		Feet
<input checked="" type="checkbox"/>	<b>107</b>	Damage	20 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT	2	20		Feet
<input checked="" type="checkbox"/>	<b>107</b>	Distortion	TWO (2) AREAS OF UP TO 1/2 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN	2	23		Feet
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198	Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132	Square Feet

**General Comments**

36 INCH X 6 INCH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF END DIAPHRAGM AT BENT 3

**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	61	0	61	0	0	Feet
515	Steel Protective Coating	495	165	0	132	198	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	40		Feet
<input checked="" type="checkbox"/> 107	Damage	20 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT	2	20		Feet
<input checked="" type="checkbox"/> 107	Distortion	UP TO 1/2 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN	2	1		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198	Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132	Square Feet

**General Comments**

46 INCH X 6 INCH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF END DIAPHRAGM AT BENT 3

**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	61	0	60	1	0	Feet
515	Steel Protective Coating	495	241	0	132	122	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Distortion	UP TO 1 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN	3	1	1	Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	30		Feet
<input checked="" type="checkbox"/> 107	Damage	30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT	2	30		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	122	122	Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132	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	61	0	58	0	3	Feet
515	Steel Protective Coating	495	241	0	132	122	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: 910069

Inspection Date: 10/17/2023

<input checked="" type="checkbox"/>	107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 26 INCH LONG X 6 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 34 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2	4	3	3	Feet
<input checked="" type="checkbox"/>	107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	28		Feet
<input checked="" type="checkbox"/>	107	Damage	30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT	2	30		Feet
<input checked="" type="checkbox"/>	107	Distortion	UP TO 1/2 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN	2			Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	122	122	Square Feet
<input checked="" type="checkbox"/>	515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132	Square Feet

**General Comments**

<b>Span 3</b>	<b>Beam 5</b>
<b>Plate Girder</b>	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	61	0	58	3	0 Feet
515	Steel Protective Coating	495	241	0	132	122 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	107	Corrosion			
		CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 30 INCH LONG X 6 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 17 INCH LONG X 5 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2	3	3	3 Feet
<input checked="" type="checkbox"/>	107	Corrosion	2	28	Feet
<input checked="" type="checkbox"/>	107	Damage	2	30	Feet
<input checked="" type="checkbox"/>	107	Distortion	2		Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	4	122	122 Square Feet
<input checked="" type="checkbox"/>	515	Peeling/Bubbling/Cracking (steel Protective Coatings)	3	132	132 Square Feet

**General Comments**

20 INCH X 10 INCH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF BENT 2 DIAPHRAGM ADJACENT TO BEAM 6

<b>Span 3</b>	<b>Beam 6</b>
<b>Plate Girder</b>	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	61	0	31	30	0 Feet
515	Steel Protective Coating	530	215	0	132	183 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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<input checked="" type="checkbox"/>	<b>107</b>	Damage	30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT BOTTOM FLANGE COVER PLATE (BEAM STRUCK BY TRACTOR TRAILER DURING INSPECTION, DAMAGE INSPECTION REQUESTED)	3	30	Feet
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	31	Feet
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	183	183 Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132 Square Feet

**General Comments**

(2) UP TO 20 INCH X 10 INCH X 10 INCH SPALLS WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF BENT 2 DIAPHRAGM 34 INCH X 10 INCH X 10 INCH SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF END DIAPHRAGM AT BENT 3

**Span 3 Beam 7 Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	61	0	27	34	0 Feet
515	Steel Protective Coating	574	351	0	132	91 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion			
		CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 13 INCH LONG X 20 INCH HIGH DOWN TO 9/16 INCH RESIDUAL WEB AND 46 INCH LONG X 8 INCH WIDE DOWN TO 1 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2	3	4	4 Feet
<input checked="" type="checkbox"/>	<b>107</b>	Damage			
		30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT BOTTOM FLANGE COVER PLATE (BEAM STRUCK BY TRACTOR TRAILER DURING INSPECTION, DAMAGE INSPECTION REQUESTED)	3	30	Feet
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion			
		AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	27	Feet
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)			
		COATING FAILED	4	91	91 Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)			
		PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132 Square Feet

**General Comments**

12 INCH X 10 INCH X 6 INCH SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF BENT 2 DIAPHRAGM BENEATH RIGHT OVERHANG

**Span 3 Expansion Joint, Bent 2 Standard Joint**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
301	Pourable Joint Seal	49	24	25	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	<b>301</b>	Leakage			
		WATER STAINS ON BOTH FACES OF BENT 2 CAP INDICATING A LEAKING JOINT	2	25	Feet

**General Comments**

**Span 3 Wearing Surface**  
**Asphalt Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	2,481	2,081	0	400	0	Square Feet

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 510	Crack (Wearing Surface)	UP TO 1/4 INCH TRANSVERSE CRACKS ALONG BENT 2	3	48	48	Square Feet
<input checked="" type="checkbox"/> 510	Crack (Wearing Surface)	UP TO 1/8 INCH TRANSVERSE, LONGITUDINAL AND DIAGONAL CRACKS IN VARIOUS LOCATIONS	3	344	344	Square Feet
<input checked="" type="checkbox"/> 510	Patched Area/Pothole (Wearing Surface)	PAR: 96 INCH LONG X 8 INCH WIDE X 3 INCH DEEP POTHOLE AND FAILED REPAIR IN CENTER OF NORTHBOUND LANE ABOVE BENT 2	3	8	8	Square Feet

**General Comments**

**Span 3 Left Bridge Rail**  
**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	60	20	40	0	0	Feet

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS	2	40		Feet

**General Comments**

**Span 3 Right Bridge Rail**  
**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	60	20	40	0	0	Feet

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS	2	40		Feet

**General Comments**

**Span 3 Near Bearing 1**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet

**General Comments****Span 3 Far Bearing 1****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Connection	PAR: MISSING ANCHOR NUT ON EAST SIDE	3	1	1 Each
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3		1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments****Span 3 Near Bearing 2****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	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
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

**General Comments****Span 3 Far Bearing 2****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	CFOATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 3 Near Bearing 3**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet

**General Comments**

**Span 3 Far Bearing 3**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 3 Near Bearing 4**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 3 Far Bearing 4**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1	Each

Structure Number: **910069**Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet
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**General Comments****Span 3 Near Bearing 5****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments****Span 3 Far Bearing 5****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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		
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet

**General Comments****Span 3 Near Bearing 6****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 3 Far Bearing 6**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet

**General Comments**

**Span 3 Near Bearing 7**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	6	5	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2			Each
<input checked="" type="checkbox"/> 316	Loss of Bearing Area	PAR: AREA OF DELAMINATION IN SPAN 3 FACE OF CAP BENEATH BEAM 7 NEAR BEARING WITH APPROXIMATELY 3 INCH X 3 INCH LOSS OF BEARING	2	1	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet

**General Comments**

**Span 3 Far Bearing 7**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	6	5	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square 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	2,179	2,179	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 12	Cracking (RC and Other)	UP TO 1/16 INCH LONGITUDINAL CRACKS AND HAIRLINE MAP CRACKING IN TOP OF SIDEWALKS IN VARIOUS LOCATIONS THROUGHOUT	3		100 Square Feet

**General Comments**

SPAN 4: UP TO 1 INCH OF SETTLEMENT OF SIDEWALK ALONG RIGHT SIDE AT BENT 3

**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	42	0	35	0	7 Feet
515	Steel Protective Coating	363	216	0	63	84 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68 INCH LONG X UP TO 20 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB WITH PIN HOLES BEHIND STIFFENER AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3	4	6	6 Feet
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 5 INCH X 4 INCH AT BENT 3	4	1	Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	35	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	84	84 Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	63	63 Square Feet

**General Comments**

80 INCH X 6 INCH X 4 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 4 FACE OF DIAPHRAGM AT BENT 3

**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	42	0	42	0	0 Feet
515	Steel Protective Coating	363	216	0	63	84 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT	2	42	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	84	84 Square Feet



<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	63	63	Square Feet
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**General Comments**

66 INCH X 10 INCH X 4 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 4 FACE OF DIAPHRAGM AT BENT 3

**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	42	0	42	0	0	Feet
515	Steel Protective Coating	363	300	0	42	21	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion				Feet
		AREAS OF SURFACE CORROSION THROUGHOUT	2	42		
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)				Square Feet
		COATING FAILED	4	21	21	
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)				Square Feet
		PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	42	42	

**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	42	0	37	0	5	Feet
515	Steel Protective Coating	363	258	0	42	63	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion				5 Feet
		PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 47 INCH LONG X 18 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3	4	5		
<input checked="" type="checkbox"/>	<b>107</b>	Corrosion				Feet
		AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	37		
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)				Square Feet
		COATING FAILED	4	63	63	
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)				Square Feet
		PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	42	42	

**General Comments**

**Span 4****Beam 5****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	42	0	40	0	2 Feet
515	Steel Protective Coating	363	258	0	42	63 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 16 INCH LONG X 6 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 14 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3	4	2	2 Feet
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT	2	40	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	63	63 Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	42	42 Square Feet

**General Comments****Span 4****Beam 6****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	42	0	42	0	0 Feet
515	Steel Protective Coating	363	300	0	21	42 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT	2	42	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	42	42 Square Feet
<input checked="" type="checkbox"/> 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	21	2 Square Feet

**General Comments****Span 4****Beam 7****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	42	2	37	0	3 Feet
515	Steel Protective Coating	363	258	0	42	63 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X 19 INCH HIGH DOWN TO 3/8 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 3/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3	4	3	3 Feet

Structure Number: **910069**

Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>107</b>	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	37	Feet
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	63	63 Square Feet
<input checked="" type="checkbox"/>	<b>515</b>	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	42	42 Square Feet

**General Comments**

**Span 4 Wearing Surface**  
**Asphalt Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	1,743	1,315	0	428	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	510	Crack (Wearing Surface)	UP TO 1/4 INCH TRANSVERSE , LONGITUDINAL AND DIAGONAL CRACKS IN VARIOUS LOCATIONS	3	295	295 Square Feet
<input checked="" type="checkbox"/>	510	Crack (Wearing Surface)	UP TO 1/8 INCH TRANSVERSE CRACK ALONG BENT 3 AND END BENT 2	3	112	112 Square Feet
<input checked="" type="checkbox"/>	510	Patched Area/Pothole (Wearing Surface)	18 FOOT OF FAILED REPAIR PRIMARILY IN CENTER LANE ALONG BENT 3	3	18	18 Square Feet
<input checked="" type="checkbox"/>	510	Patched Area/Pothole (Wearing Surface)	PAR: 28 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF SOUTHBOUND LANE ABOVE BENT 3	3	3	3 Square Feet

**General Comments**

**Span 4 Left Bridge Rail**  
**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	42	17	25	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS	2	25	Feet

**General Comments**

**Span 4 Right Bridge Rail**  
**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	42	0	42	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	333	Cracking (RC and Other)	HAIRLINE MAP CRACKING IN BOTH FACES OF END POST AT END BENT 2	2	3	Feet
<input checked="" type="checkbox"/>	333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS	2	39	Feet

**General Comments**

**Span 4****Near Bearing 1****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	0	1 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Connection	PAR: MISSING ANCHOR ROD ON BOTH SIDES	4	1	1 Each
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3		1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments****Span 4****Far Bearing 1****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments****Span 4****Near Bearing 2****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments****Span 4****Far Bearing 2****Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	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
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Structure Number: **910069**

Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	SURFACE CORROSION THROUGHOUT	2	1	Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

**General Comments**

**Span 4 Near Bearing 3**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 4 Far Bearing 3**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	1	0 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 4 Near Bearing 4**

**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	0	0	1 Each
515	Steel Protective Coating	1	0	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Connection	PAR: MISSING ANCHOR ROD ON WEST SIDE	4	1	1 Each
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3		1 Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet

**General Comments**

**Span 4 Far Bearing 4**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFEECTIVENESS	3	1	1	Square Feet

**General Comments**

**Span 4 Near Bearing 5**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Connection	PAR: MISSING ANCHOR ROD ON EAST SIDE	4	1	1	Each
<input checked="" type="checkbox"/> 316	Corrosion	CORROSION THROUGHOUT	3		1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 4 Far Bearing 5**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFEECTIVENESS	3	1	1	Square Feet

**General Comments**

**Span 4 Near Bearing 6**  
**Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: **910069**

Inspection Date: **10/17/2023**

<input checked="" type="checkbox"/>	<b>316</b>	Corrosion	CORROSION THROUGHOUT	3	1	1	Each
<input checked="" type="checkbox"/>	<b>316</b>	Connection	ANCHOR NUT IS NOT FULLY TIGHT ON THE EAST SIDE.	2		1	Each
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1	Square Feet

**General Comments**

**Span 4 Far Bearing 6 Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion				Each
		SURFACE CORROSION THROUGHOUT	2	1		
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)				1 Square Feet
		LIMITED EFFEECTIVENESS	3	1	1	

**General Comments**

**Span 4 Near Bearing 7 Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion				1 Each
		CORROSION THROUGHOUT	3	1	1	
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)				1 Square Feet
		COATING FAILED	4	1	1	

**General Comments**

**Span 4 Far Bearing 7 Other Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	<b>316</b>	Corrosion				1 Each
		CORROSION THROUGHOUT	3	1	1	
<input checked="" type="checkbox"/>	<b>515</b>	Effectiveness (Steel Protective Coatings)				1 Square Feet
		COATING FAILED	4	1	1	

**General Comments**

**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	69	33	17	19	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	UP TO 1/8 INCH X 15 FOOT LONG HORIZONTAL CRACK IN FACE OF CAP BENEATH BEAMS 3 AND 4	3	15	15 Feet
<input checked="" type="checkbox"/> 234	Efflorescence/Rust Staining	UP TO 1/16 INCH HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE AND RUST STAINING IN FACE OF CAP AT LEFT END	3	4	4 Feet
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	HAIRLINE MAP CRACKING IN FACE OF CAP AT RIGHT END	2	5	Feet
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	UP TO 1/16 INCH X 12 FOOT LONG HORIZONTAL CRACK IN FACE OF CAP BENEATH BEAMS 5 AND 6	2	12	Feet

**General Comments****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	54	49	5	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	UP TO 0.05 INCH X 20 INCH TRANSVERSE CRACK IN BOTTOM OF CAP BETWEEN COLUMNS 2 AND 3	2	1	Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	10 INCH X 8 INCH AREA OF DELAMINATION IN SPAN 2 FACE OF CAP BENEATH BEAM 1	2	1	1 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	29 INCH LONG X 3 INCH HIGH AREA OF DELAMINATION WITH UP TO 0.05 INCH HORIZONTAL CRACK IN SPAN 1 FACE OF CAP BENEATH BAY 2	2	3	3 Feet

**General Comments****Bent 1****Pile 4****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	UP TO 1/16 INCH VERTICAL CRACK IN LEFT FACE OF COLUMN FROM BOTTOM OF CAP TO GROUND LINE	3	1	12 Each

**General Comments**



**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	65	63	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 215	Patched Area	11 INCH X 12 INCH FAILED REPAIR IN FACE OF ABUTMENT IN BAY 6 ADJACENT TO UTILITY PENETRATION	2	2	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	54	48	1	5	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 234	Delamination/Spall	5 INCH X 8 INCH X 1/2 INCH SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 2 FACE OF CAP BENEATH BAY 4	3	1	1 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	PAR: 9 INCH WIDE X 10 INCH HIGH AREA OF DELAMINATION WITH 15 INCH WIDE X 10 INCH HIGH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN TOP AND SPAN 3 FACE OF CAP BENEATH BEAM 7 BEARING	3	3	3 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	SPALL (10 INCH X 3 INCH X 2 INCH) TO BOTTOM OF CAP BETWEEN COLUMNS 2 AND 3	3	1	1 Feet
<input checked="" type="checkbox"/> 234	Exposed Rebar	12 INCH X 3 INCH X 1/2 INCH DEEP SPALL WITH EXPOSED REBAR IN SPAN 2 FACE OF CAP TO THE LEFT OF COLUMN 4	2	1	1 Feet

**General Comments****Bent 2****Pile 1****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 205	Delamination/Spall	12 INCH HIGH X 5 INCH X 4 INCH AREA OF DELAMINATION IN NORTHEAST CORNER AT GROUND LINE	2	1	1 Each

**General Comments**

**Bent 2****Pile 3****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	UP TO 1/16 INCH VERTICAL CRACK IN SPAN 2 FACE ALONG LEFT EDGE AT MID HEIGHT	3		4 Each
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	UP TO 1/16 INCH X 28 INCH VERTICAL CRACK IN NORTHWEST CORNER AT BOTTOM OF CAP	3	1	3 Each

**General Comments****Bent 2****Pile 5****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	UP TO 1/8 INCH VERTICAL CRACK IN SPAN 3 FACE OF COLUMN AT MID HEIGHT	3	1	4 Each
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	UP TO 1/16 INCH X 40 INCH VERTICAL CRACKS IN SPAN 3 AND EAST FACE OF COLUMN NEAR GROUND LINE	2		Each

**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	69	42	0	27	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	UP TO 1/8 INCH HORIZONTAL CRACK IN FACE OF CAP BENEATH BEAM 1	3	16	16 Feet
<input checked="" type="checkbox"/> 234	Efflorescence/Rust Staining	UP TO 1/8 INCH HORIZONTAL CRACKS WITH RUST STAINING IN FACE OF CAP FROM BEAM 2 TO BEAM 3	3	11	11 Feet

**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	65	62	0	3	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 215	Delamination/Spall	3 SQUARE FEET SPALLING AND DELAMINATION TO ABUTMENT AT UTILITY TERMINATION IN BAY 6	3	3	3 Feet

**General Comments**

**Bent 3****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	54	30	8	16	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	34 INCH X 30 INCH AREA OF DELAMINATION WITH MAP CRACKING UP TO 1/16 INCH IN SPAN 4 FACE OF CAP BENEATH BEAM 5	3	4	4 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	(2) SPALLS UP TO 10 INCH X 12 INCH X 1-1/2 INCH DEEP IN BOTTOM AND SPAN 3 FACE OF CAP BETWEEN COLUMNS 4 AND 5	3	2	2 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	(3) SPALLS UP TO 30 INCH X 7 INCH X 3 INCH AREA OF DELAMINATION IN BOTTOM AND BOTH FACES OF CAP BETWEEN COLUMNS 3 AND 4	3	1	1 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	14 INCH X 14 INCH AREA OF DELAMINATION IN BOTTOM AND SPAN 3 FACE OF CAP BENEATH BAY 2	3	2	2 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	18 INCH X 16 INCH X 1-1/2 INCH DEEP SPALL IN SPAN 3 FACE OF CAP BENEATH BAY 3	3	2	2 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	2 INCH X 9 INCH X 1 INCH SPALL IN BOTTOM AND SPAN 3 FACE OF CAP BENEATH BAY 2	3	1	1 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	22 INCH X 3 INCH X 1/2 INCH DEEP SPALL WITH EXPOSED REBAR IN SPAN 4 FACE OF CAP AT RIGHT END	3	2	2 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	3 INCH X 30 INCH X 1 INCH DEEP SPALL IN SPAN 4 FACE OF CAP BENEATH BAY 4	3		1 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	PAR: 28 INCH LONG X 12 INCH HIGH X 2 INCH DEEP SPALL IN SPAN 4 FACE OF CAP BENEATH BEAM 3	3	2	2 Feet
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	UP TO 0.03 INCH X 48 INCH HORIZONTAL CRACK IN SPAN 4 FACE OF CAP TO RIGHT OF COLUMN 4	2	4	Feet
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	UP TO 0.05 INCH X 23 INCH HORIZONTAL CRACK IN SPAN 3 FACE OF CAP BENEATH BAY 2	2	2	Feet
<input checked="" type="checkbox"/> 234	Patched Area	(2) AREAS OF REPAIR UP TO 24 INCH X 22 INCH IN SPAN 4 FACE OF CAP BENEATH BEAMS 3 AND 4	2	2	Feet

**General Comments****Bent 3****Pile 1****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 205	Delamination/Spall	SPALL (6 INCH X 6 INCH X 2 INCH) TO NEAR RIGHT CORNER, 3 FEET FROM GROUND	3	1	1 Each
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	2 FOOT VERTICAL CRACKS UP TO 1/32 INCH TOP OF SOUTHEAST CORNER.	2		Each

**General Comments**

**Bent 3****Pile 3****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	UP TO 1/16 INCH X 88 INCH VERTICAL CRACK IN LEFT FACE OF COLUMN AT BOTTOM OF CAP	3		6 Each
<input checked="" type="checkbox"/> 205	Delamination/Spall	12 INCH X 10 INCH X 1 INCH DEEP SPALL IN NORTHWEST CORNER AT BOTTOM OF CAP	3	1	1 Each

**General Comments****Bent 3****Pile 4****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	UP TO 1/8 INCH X 74 INCH LONG VERTICAL CRACKS IN LEFT FACE OF COLUMN AT BOTTOM OF CAP	3		6 Each
<input checked="" type="checkbox"/> 205	Delamination/Spall	50 INCH X 6 INCH X 5 INCH CORNER SPALL IN SPAN 3 AND RIGHT FACE OF COLUMN AT BOTTOM OF CAP	3	1	5 Each

**General Comments**

## Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2179
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	42
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1743
Span 1	Near Bearing 1	Other Bearing	Other Bearings	1
Span 1	Far Bearing 1	Other Bearing	Other Bearings	1
Span 1	Far Bearing 2	Other Bearing	Other Bearings	1
Span 1	Near Bearing 2	Other Bearing	Other Bearings	1
Span 1	Near Bearing 3	Other Bearing	Other Bearings	1
Span 1	Far Bearing 3	Other Bearing	Other Bearings	1
Span 1	Far Bearing 4	Other Bearing	Other Bearings	1
Span 1	Near Bearing 4	Other Bearing	Other Bearings	1
Span 1	Near Bearing 5	Other Bearing	Other Bearings	1
Span 1	Far Bearing 5	Other Bearing	Other Bearings	1
Span 1	Far Bearing 6	Other Bearing	Other Bearings	1
Span 1	Near Bearing 6	Other Bearing	Other Bearings	1
Span 1	Near Bearing 7	Other Bearing	Other Bearings	1
Span 1	Far Bearing 7	Other Bearing	Other Bearings	1
Span 1	Delineator SW	Delineator	Warning Signs	1
Span 1	Delineator SE	Delineator	Warning Signs	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3383
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	66
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	66
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	66
Span 2	Expansion Joint, Bent 1	Standard Joint	Pourable Joint Seal	49
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2706
Span 2	Near Bearing 1	Other Bearing	Other Bearings	1
Span 2	Far Bearing 1	Other Bearing	Other Bearings	1
Span 2	Far Bearing 2	Other Bearing	Other Bearings	1
Span 2	Near Bearing 2	Other Bearing	Other Bearings	1
Span 2	Near Bearing 3	Other Bearing	Other Bearings	1
Span 2	Far Bearing 3	Other Bearing	Other Bearings	1

## Elements Verified

Location	Name	Component	Element Name	Amount
Span 2	Far Bearing 4	Other Bearing	Other Bearings	1
Span 2	Near Bearing 4	Other Bearing	Other Bearings	1
Span 2	Near Bearing 5	Other Bearing	Other Bearings	1
Span 2	Far Bearing 5	Other Bearing	Other Bearings	1
Span 2	Far Bearing 6	Other Bearing	Other Bearings	1
Span 2	Near Bearing 6	Other Bearing	Other Bearings	1
Span 2	Near Bearing 7	Other Bearing	Other Bearings	1
Span 2	Far Bearing 7	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3101
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	61
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	60
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	60
Span 3	Expansion Joint, Bent 2	Standard Joint	Pourable Joint Seal	49
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2481
Span 3	Far Bearing 1	Other Bearing	Other Bearings	1
Span 3	Near Bearing 1	Other Bearing	Other Bearings	1
Span 3	Near Bearing 2	Other Bearing	Other Bearings	1
Span 3	Far Bearing 2	Other Bearing	Other Bearings	1
Span 3	Far Bearing 3	Other Bearing	Other Bearings	1
Span 3	Near Bearing 3	Other Bearing	Other Bearings	1
Span 3	Near Bearing 4	Other Bearing	Other Bearings	1
Span 3	Far Bearing 4	Other Bearing	Other Bearings	1
Span 3	Far Bearing 5	Other Bearing	Other Bearings	1
Span 3	Near Bearing 5	Other Bearing	Other Bearings	1
Span 3	Near Bearing 6	Other Bearing	Other Bearings	1
Span 3	Far Bearing 6	Other Bearing	Other Bearings	1
Span 3	Far Bearing 7	Other Bearing	Other Bearings	1
Span 3	Near Bearing 7	Other Bearing	Other Bearings	1
Span 3	Vertical Clearance (14'-2") 1	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 2	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 3	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 4	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 5	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 6	Other warning sign	Other Warning Signs	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2179
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	42

## Elements Verified

Location	Name	Component	Element Name	Amount
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	42
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	42
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	42
Span 4	Expansion Joint, Bent 3	Standard Joint	Pourable Joint Seal	49
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1743
Span 4	Far Bearing 1	Other Bearing	Other Bearings	1
Span 4	Near Bearing 1	Other Bearing	Other Bearings	1
Span 4	Near Bearing 2	Other Bearing	Other Bearings	1
Span 4	Far Bearing 2	Other Bearing	Other Bearings	1
Span 4	Far Bearing 3	Other Bearing	Other Bearings	1
Span 4	Near Bearing 3	Other Bearing	Other Bearings	1
Span 4	Near Bearing 4	Other Bearing	Other Bearings	1
Span 4	Far Bearing 4	Other Bearing	Other Bearings	1
Span 4	Far Bearing 5	Other Bearing	Other Bearings	1
Span 4	Near Bearing 5	Other Bearing	Other Bearings	1
Span 4	Near Bearing 6	Other Bearing	Other Bearings	1
Span 4	Far Bearing 6	Other Bearing	Other Bearings	1
Span 4	Far Bearing 7	Other Bearing	Other Bearings	1
Span 4	Near Bearing 7	Other Bearing	Other Bearings	1
Span 4	Delineator NE	Delineator	Warning Signs	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	54
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	69
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	65
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	54
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	69
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	65
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	54
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1

## Elements Verified

Location	Name	Component	Element Name	Amount
Bent 3	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1

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# General Inspection Notes

Span 4

Deck

SPAN 4: UP TO 1 INCH OF SETTLEMENT OF SIDEWALK ALONG RIGHT SIDE AT BENT 3

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# National Bridge and NC Inspection Items

Structure Number: 910069

Inspection Date: 10/17/2023

## National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	7
Item 59: Superstructure	0 - 9 , N	5
Item 60: Substructure	0 - 9 , N	6
Item 61: Channel and Channel Protection	0 - 9 , N	N
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	N
Item 72: Approach Roadway Alignment	0 - 9 , N	8

**Note:**  
Items 58,59,60,62 reflect this inspection only.  
  
For overall NBI coding grade, see cover sheet.

Note: If NBI Inspection Item is not present, code NBI item with "N"

## NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	8730	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C	P		
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		N		
Drift	G, F, P, or C		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	F		
Superstructure Paint Code		A		

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

## Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	16
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Y
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	N

# National Bridge and NC SMU Inspection Item Details

Structure Number: 910069

Inspection Date: 10/17/2023

<b>Item</b>	Superstructure - Item 59	<b>Grade</b>	5	<b>Maint Code</b>		<b>Qty.</b>	0
<b>Details</b>	WELDED PLATE REPAIRS ALONG WEB AND FLANGES IN VARIOUS LOCATIONS THROUGHOUT BEAMS; REPAIRS MADE PRIOR TO 2002 INSPECTION. SEE BEAM DETAIL SHEET FOR DETAILS AND DIMENSIONS.						
	UP TO 3/16 INCH HORIZONTAL CRACKING AND AREAS OF DELAMINATION THROUGHOUT END DIAPHRAGMS						

<b>Item</b>	Priority Maintenance Issued	<b>Grade</b>	Y	<b>Maint Code</b>		<b>Qty.</b>	0
<b>Details</b>	SPAN 1 BEAM 1 SPAN 1 BEAM 2 SPAN 1 BEAM 3 (x2) SPAN 1 BEAM 4 SPAN 1 BEAM 5 SPAN 1 BEAM 6 SPAN 1 BEAM 7 (x2)						
	SPAN 1 BEAM 7 FAR BEARING						
	SPAN 2 BEAM 1 SPAN 2 BEAM 5 (x2) SPAN 2 BEAM 6 SPAN 2 BEAM 7 (x4)						
	SPAN 3 BEAM 1 SPAN 3 BEAM 1 FAR BEARING SPAN 3 BEAM BEAM 4 SPAN 3 BEAM 7 NEAR BEARING						
	SPAN 4 BEAM 1 (x2) SPAN 4 BEAM 1 NEAR BEARING SPAN 4 BEAM 4 SPAN 4 BEAM 4 NEAR BEARING SPAN 4 BEAM 5 SPAN 4 BEAM 5 NEAR BEARING SPAN 4 BEAM 7						
	SPAN 2 ASPHALT WEARING SURFACE SPAN 3 ASPHALT WEARING SURFACE SPAN 4 ASPHALT WEARING SURFACE						
	BENT 2 CAP BENT 3 CAP						

<b>Item</b>	Deck Debris	<b>Grade</b>	F	<b>Maint Code</b>	3376	<b>Qty.</b>	8730
<b>Details</b>	DIRT AND DEBRIS ACCUMULATION ALONG BOTH SHOULDERS						

<b>Item</b>	Utilities	<b>Grade</b>	P	<b>Maint Code</b>		<b>Qty.</b>	0
<b>Details</b>	12 INCH DIAMETER DUCTILE IRON UTILITY ATTACHED TO BOTTOM OF DECK IN BAY 6						
	APPROXIMATELY 5 BROKEN UTILITY HANGERS IN VARIOUS LOCATIONS						
	IMPACT DAMAGE ALONG RIGHT SIDE IN SPAN 3						

<b>Item</b>	Response to live load	<b>Grade</b>	F	<b>Maint Code</b>		<b>Qty.</b>	0
<b>Details</b>	DEFLECTION UNDER HEAVY LOAD						

<b>Item</b>	General Comments and Misc Items	<b>Grade</b>		<b>Maint Code</b>		<b>Qty.</b>	0
<b>Details</b>	BEAMS 6 AND 7 AND UTILITY IN SPAN 3 STRUCK BY PASSING TRUCK DURING INSPECTION. DAMAGE INSPECTION REQUESTED; NO SIGNIFICANT NEW DAMAGE NOTICED FROM IMPACT.						
	SAG ALONG RIGHT SIDE OF SPAN 3 DECK AND RAIL ABOVE BEAM 7 WITH VERTICAL DEFLECTION OF DECK AND SIEWALK AT BENTS 2 AND 3						

**Structure Number:** 910069

**Inspection Date:** 10/17/2023



End Bent 1 Abutment: 11 INCH X 12 INCH FAILED REPAIR IN FACE OF ABUTMENT IN BAY 6 ADJACENT TO UTILITY PENETRATION



End Bent 1 Cap 1: UP TO 1/8 INCH X 15 FOOT LONG HORIZONTAL CRACK IN FACE OF CAP BENEATH BEAMS 3 AND 4



End Bent 1 Cap 1: HAIRLINE MAP CRACKING IN FACE OF CAP AT RIGHT END



End Bent 1 Cap 1: UP TO 1/16 INCH HORIZONTAL CRACK AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE AND RUST STAINING IN FACE OF CAP AT LEFT END



Span 1 Beam 7: PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 2 INCH WIDE DOWN TO 3/16 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1



Span 1 Beam 3: PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 12 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1



Span 1 Beam 2: PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 3 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1



Span 1 Beam 1: PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 16 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1





Span 1 Beam 3: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO 5/16 INCH RESIDUAL WEB AND 35 INCH LONG X 10 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE AT BENT 1



Span 1 Beam 2: 38 INCH LONG X 7 INCH WIDE X 1 INCH DEEP SPALL WITH EXPOSED REBAR IN END DIAPHRAGM ADJACENT TO BEAM 3



Span 1 Beam 4: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14 INCH LONG X 24 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB AND 58 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 1 Beam 5: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 4 INCH X 2 INCH HOLE AT END DIAPHRAGM AND 38 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 1 Beam 6: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 13 INCH LONG X 19 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 40 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 1 Beam 7 - Far Bearing: PAR: MISSING ANCHOR BOLT ON LEFT SIDE



Span 1 Beam 7: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 21 INCH HIGH DOWN TO KNIFE EDGE RESIDUAL WEB WITH 8 INCH X 3 INCH AREA OF UP TO 1/2 INCH DIAMETER HOLES IN WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 1/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 1 Deck: (3) SPALLS UP TO 6 INCH X 6 INCH X 1 INCH DEEP WITH EXPOSED REBAR IN BOTTOM OF LEFT OVERHANG AT FAR END



Span 1 Deck: AREAS OF POORLY CONSOLIDATED CONCRETE IN VARIOUS LOCATIONS IN BOTTOM OF DECK





Span 2 Beam 7: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18 INCH LONG X 20 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 23 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 2 Beam 7: PAR: CORROSION THROUGHOUT LEFT SIDE STIFFENER WITH 7 INCH X 4 INCH LOSS OF SECTION AT BENT 1 BEARING



Span 2 Beam 7: PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 1 1/2 INCH X 1/2 INCH X 1/16 INCH GOUGE AND 11 INCH LONG BROKEN WIELD WITH UP TO 1 INCH OF VERTICAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1



Span 2 Beam 6: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 10 INCH LONG X 16 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 17 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE AT BENT 1



Span 2 Beam 5: PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER WITH 4 INCH X 2 INCH LOSS OF SECTION AT BENT 1 BEARING



Span 2 Beam 5: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 17 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN RESIDUAL WEB AND 18 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 2 Beam 4 - Near Bearing: CORROSION THROUGHOUT



Span 2 Beam 1: PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 3 INCH X 1 INCH X 1/16 INCH GOUGE AND UP TO 1/2 INCH OF VERTICAL DEFLECTION AND 1/2 INCH OF RIGHT LATTERAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1





Span 2 Deck: (20) 4 INCH X 1 INCH X 1/2 INCH SPALLS WITH EXPOSED REINFORCING, AT RANDOM ALONG EAST EDGE OF EAST OVERHANG



Span 2 Deck: 6 INCH X 36 INCH X 1 INCH DEEP SPALL WITH EXPOSED REINFORCING, EAST OVERHANG AT BENT 1.



Bent 1 Pile 4: UP TO 1/16 INCH VERTICAL CRACK IN LEFT FACE OF COLUMN FOM BOTTOM OF CAP TO GROUND LINE



Bent 1 Cap 1: UP TO 0.05 INCH X 20 INCH TRANSVERSE CRACK IN BOTTOM OF CAP BETWEEN COLUMNS 2 AND 3



Bent 1 Cap 1: 10 INCH X 8 INCH AREA OF DELAMINATION IN SPAN 2 FACE OF CAP BENEATH BEAM 1



Bent 2 Pile 1: 12 INCH HIGH X 5 INCH X 4 INCH AREA OF DELAMINATION IN NORTHEAST CORNER AT GROUND LINE



Bent 2 Pile 3: UP TO 1/16 INCH X 28 INCH VERTICAL CRACK IN NORTHWEST CORNER AT BOTTOM OF CAP



Bent 2 Pile 3: UP TO 1/16 INCH VERTICAL CRACK IN SPAN 2 FACE ALONG LEFT EDGE AT MID HEIGHT



Bent 2 Pile 5: UP TO 1/16 INCH X 40 INCH VERTICAL CRACKS IN SPAN 3 AND EAST FACE OF COLUMN NEAR GROUND LINE



Span 2 Beam 7: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 52 INCH LONG X 20 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2



Span 2 Beam 7: PAR: CORROSION THROUGHOUT VERTICAL STIFFENER WITH 15 INCH X 5 INCH LOSS OF SECTION ON LEFT SIDE AT BENT 2 BEARING



Span 3 Deck: SPALLING UP TO 6 INCH DIAMETER X 3/4 INCH DEEP IN VARIOUS LOCATIONS ALONG EDGES OF BEAMS 3, 4 AND 5 TOP FLANGE



Span 3 Deck: 20 SQUARE FEET PATCHING TO UNDERSIDE OF DECK IN BAY 5, AT MIDSPAN.



APPROXIMATELY 5 BROKEN UTILITY HANGERS IN VARIOUS LOCATIONS





Bent 2 Cap 1: PAR: 9 INCH WIDE X 10 INCH HIGH AREA OF DELAMINATION WITH 15 INCH WIDE X 10 INCH HIGH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN TOP AND SPAN 3 FACE OF CAP BENEATH BEAM 7 BEARING



Span 3 Beam 7 - Near Bearing: AREA OF DELAMINATION IN SPAN 3 FACE OF CAP BENEATH BEAM 7 NEAR BEARING WITH APPROXIMATELY 3 INCH X 3 INCH LOSS OF BEARING



Span 3 Beam 7: 30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT (BEAM STRUCK BY TRACKER TRAILER DURING INSPECTION, DAMAGE INSPECTION REQUESTED)



Span 3 Beam 5: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 30 INCH LONG X 6 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 17 INCH LONG X 5 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2



Span 3 Beam 4: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 26 INCH LONG X 6 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 34 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2



Span 3 Beam 3: UP TO 1 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN



Span 3 Beam 1: PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 4 INCH X 4 INCH AT BENT 3



Span 3 Beam 1: PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 4 INCH X 4 INCH AT BENT 3



Span 3 Beam 1 - Far Bearing: PAR: MISSING ANCHOR NUT ON EAST SIDE



Span 4 Beam 1: PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 5 INCH X 4 INCH AT BENT 3



Span 4 Beam 1: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68 INCH LONG X UP TO 20 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB WITH PIN HOLES BEHIND STIFFENER AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3





Span 4 Beam 1: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68 INCH LONG X UP TO 20 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB WITH PIN HOLES BEHIND STIFFENER AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Span 4 Beam 1 - Near Bearing: PAR: MISSING ANCHOR ROD ON BOTH SIDES



Span 4 Beam 2: AREAS OF SURFACE CORROSION THROUGHOUT



Span 4 Beam 4: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 47 INCH LONG X 18 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Span 4 Beam 4 - Near Bearing: PAR: MISSING ANCHOR ROD ON WEST SIDE



Span 4 Beam 5 - Near Bearing: PAR: MISSING ANCHOR ROD ON EAST SIDE



Span 4 Beam 5: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 16 INCH LONG X 6 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 14 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Span 4 Beam 6 - Near Bearing: ANCHOR NUT IS NOT FULLY TIGHT ON THE EAST SIDE.



Span 4 Beam 7: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X 19 INCH HIGH DOWN TO 3/8 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 3/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Bent 3 Cap 1: 34 INCH X 30 INCH AREA OF DELAMINATION WITH MAP CRACKING UP TO 1/16 INCH IN SPAN 4 FACE OF CAP BENEATH BEAM 5



Bent 3 Cap 1: PAR: 28 INCH LONG X 12 INCH HIGH X 2 INCH DEEP SPALL WITH EXPOSED REBAR IN SPAN 4 FACE OF CAP BENEATH BEAM 3





Bent 3 Pile 4: UP TO 1/8 INCH X 74 INCH LONG VERTICAL CRACKS IN LEFT FACE OF COLUMN AT BOTTOM OF CAP



End Bent 2 Cap 1: UP TO 1/8 INCH HORIZONTAL CRACKS WITH RUST STAINING IN FACE OF CAP FROM BEAM 2 TO BEAM 3



Span 1 Wearing Surface: UP TO 1/8 INCH TRANSVERSE CRACKS ALONG END BENT 1



Span 1 Wearing Surface: INTERMITTENT LONGITUDINAL AND TRANSVERSE CRACKING (UP TO 1/4 INCH) THROUGHOUT ASPHALT WEARING SURFACE.



Span 2 Wearing Surface: PAR: 42 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF NORTHBOUND LANE ABOVE BENT 1



Span 1 Right Bridge Rail: LOOSE ANCHOR NUT AT SOUTHEAST CORNER OF RAIL POST 2



Span 1 Right Bridge Rail: WELDED REPAIR TO BOTTOM OF ALUMINUM POST 1



Span 2 Right Bridge Rail: UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS



Span 3 Wearing Surface: PAR: 96 INCH LONG X 8 INCH WIDE X 3 INCH DEEP POTHOLE IN FAILED REPAIR IN CENTER OF NORTHBOUND LANE ABOVE BENT 2



Span 4 Wearing Surface: PAR: 28 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF SOUTHBOUND LANE ABOVE BENT 3



Span 4 Wearing Surface: 18 FOOT OF FAILED REPAIR PRIMARILY IN CENTER LANE ALONG BENT 3



UP TO 1/16 INCH LONGITUDINAL CRACKS AND HAIRLINE MAP CRACKING IN TOP OF SIDEWALKS IN VARIOUS LOCATIONS THROUGHOUT



UP TO 1/16 INCH LONGITUDINAL CRACKS AND HAIRLINE MAP CRACKING IN TOP OF SIDEWALKS IN VARIOUS LOCATIONS THROUGHOUT



DIRT AND DEBRIS ACCUMULATION ALONG BOTH SHOULDERS



Span 4 Beam 2 - Protective System: PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS



SAG ALONG RIGHT SIDE OF SPAN 3 DECK AND RAIL ABOVE BEAM 7 WITH VERTICAL DEFLECTION OF DECK AND SIEWALK AT BENT 3





SAG ALONG RIGHT SIDE OF SPAN 3 DECK AND RAIL ABOVE BEAM 7 WITH VERTICAL DEFLECTION OF DECK AND SIEWALK AT BENTS 2 AND 3



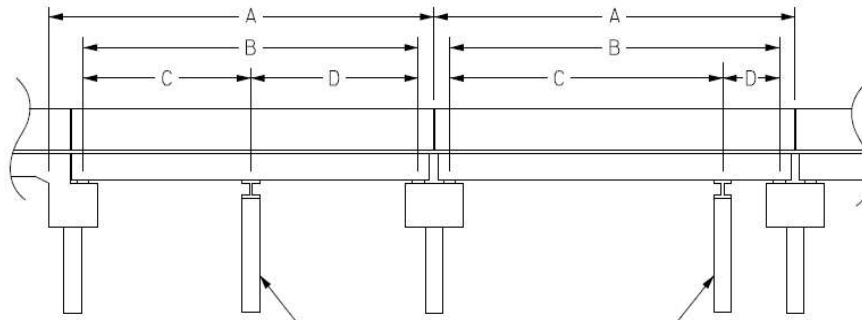
SAG ALONG RIGHT SIDE OF SPAN 3 DECK AND RAIL ABOVE BEAM 7 WITH VERTICAL DEFLECTION OF DECK AND SIEWALK AT BENTS 2 AND 3

# Structure Data Worksheet

## Span Profile

County: **WAKE**

Structure Number: **910069**



A: SPAN LENGTH  
 B: BEARING TO BEARING  
 C: DISTANCE FROM NEAR BEARING  
 D: DISTANCE TO FAR BEARING

CRUTCH / HELPER BENTS

Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	42.500	40.750			
2	66.000	65.000			
3	60.500	59.500			
4	42.500	40.750			

Structure Number: 910069

Span: 2

Route Name: US70E



SPAN 2 WEST PROFILE, LOOKING EAST - LIDAR

<b>Route Number:</b> 21000700		<b>Route Name:</b> US70E			<b>Reference Feature:</b> H	
<b>Minimum Vertical Clearance</b> 15.260 feet		<b>Maximum Minimum Vertical Clearance</b> 15.340 feet				
<b>Total Horizontal Clearance</b> 41.570 feet		<b>Lateral Clearances: Left:</b> 13.380 feet <b>Right</b> 13.600 feet				
<input checked="" type="checkbox"/> <b>Base Highway Network</b>		<b>LRS Inventory Route, Sub Route Number</b> 20070				
<b>Milepost:</b> 0.000	<b>Number of Lanes:</b> 2	<b>ADT:</b> 14750	<b>Year of ADT:</b> 2019	<b>Percentage of Trucks:</b> 12		
<input checked="" type="checkbox"/> <b>National Highway System</b>			<input type="checkbox"/> <b>STRAHNET Highway Designator</b>			
<b>Functional Classification</b> 14 Local Other Principal Arterial		<b>Direction of Traffic:</b> 1 1 - way traffic				

LIDAR

Structure Number: 910069

Span: 3

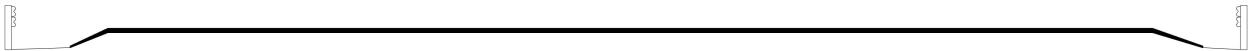
Route Name: US70W



LOOKING WEST AT SPAN 3.

<b>Route Number:</b> 21000700		<b>Route Name:</b> US70W			<b>Reference Feature:</b> H	
<b>Minimum Vertical Clearance</b> 14.150 feet		<b>Maximum Minimum Vertical Clearance</b> 14.340 feet				
<b>Total Horizontal Clearance</b> 37.100 feet		<b>Lateral Clearances: Left:</b> 14.000 feet <b>Right:</b> 8.200 feet				
<input checked="" type="checkbox"/> <b>Base Highway Network</b>		<b>LRS Inventory Route, Sub Route Number</b> 20070				
<b>Milepost:</b> 0.000	<b>Number of Lanes:</b> 2	<b>ADT:</b> 14750	<b>Year of ADT:</b> 2019	<b>Percentage of Trucks:</b> 12		
<input checked="" type="checkbox"/> <b>National Highway System</b>			<input type="checkbox"/> <b>STRAHNET Highway Designator</b>			
<b>Functional Classification</b> 14 Local Other Principal Arterial		<b>Direction of Traffic:</b> 1 1 - way traffic				

# Bridge Inspection Field Sketch



Roadway	41.50ft Wide	3 Paved Lanes	Looking North
Left Shoulder	4.083ft Wide	1.50ft Paved	2.583ft Unpaved
Right Shoulder	3.75ft Wide	2.00ft Paved	1.75ft Unpaved
Left Guardrail	4.083ft from road		
Right Guardrail	3.75ft from road		

Measurements recorded approximately 25.00ft South of End Bent 1 along centerline of roadway.

Title  
APPROACH ROADWAY

Description  
LOOKING NORTH

Structure No: 910069

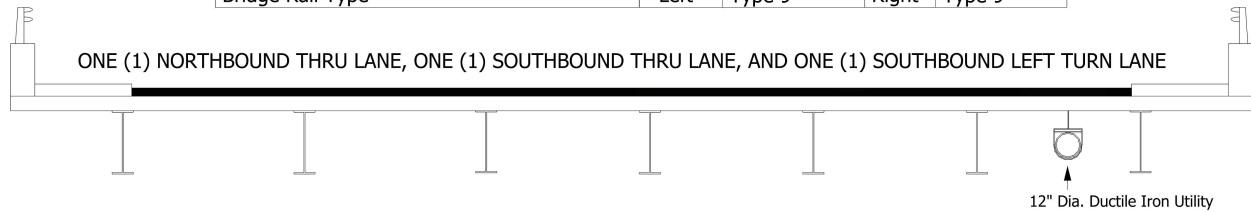
Drawn By: BKE

Date: 10/17/2023

Filename: S000690000130.wes

# Bridge Inspection Field Sketch

Deck Width/Out to Out	51.25ft	Between Rails	49.25ft
Clear Roadway	41.083ft	Wearing Surface	4.00in
Median Width		Median Height	
Curb Height		Left	6.00in
		Right	6.00in
Sidewalk Width		Left	4.00ft
		Right	4.00ft
Clear Roadway (Rail to Median)		Left	
		Right	
Guardrail Width		Left	12.00in
		Right	12.00in
Top of Rail to Deck/Wearing Surface		Left	3.667ft
		Right	3.667ft
Bridge Rail Type		Left	Type 9
		Right	Type 9



Measurements for Spans	1 thru 4		
Deck Thickness	7.25in	Left Overhang	4.625ft
Top of Rail to Bottom of Beam (Avg)	7.125ft	Right Overhang	4.625ft

Beam #	Beam Type	Width	Height	Spacing	From
1	Plate Girder	10.50in	30.00in	4.625ft	Left Edge of Deck
2	Plate Girder	10.50in	30.00in	7.50ft	Beam 1
3	Plate Girder	10.50in	30.00in	7.50ft	Beam 2
4	Plate Girder	10.50in	30.00in	6.75ft	Beam 3
5	Plate Girder	10.50in	30.00in	6.75ft	Beam 4
6	Plate Girder	10.50in	30.00in	6.75ft	Beam 5
7	Plate Girder	10.50in	30.00in	6.75ft	Beam 6

see BEAM DETAIL sheet for dimensions.

Title  
TYPICAL SECTION

Description  
7 LINES OF STEEL I-BEAMS

Structure No: 910069

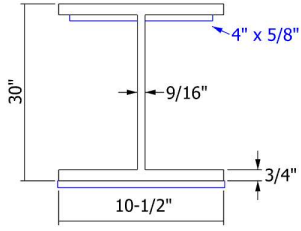
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Date: 10/17/2023

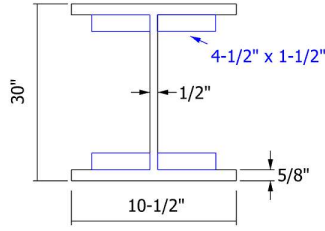
Filename: S000690000131.wes

# Bridge Inspection Field Sketch

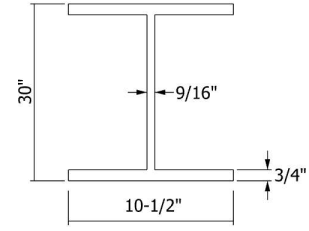
## SPAN 1



BEAM DETAILS  
W30x108  
Beams 1 and 2  
11-1/2" Wide x 1/2" Thick Cover Plate

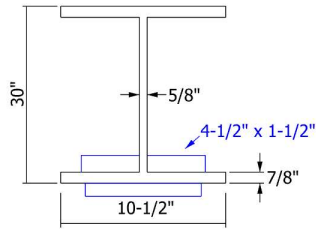


BEAM DETAILS  
W30x90  
Beams 3 and 7

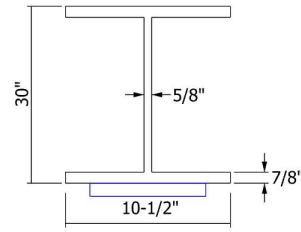


BEAM DETAILS  
W30x108  
Beams 4 thru 6

## SPAN 2

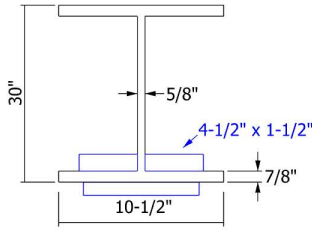


BEAM DETAILS  
Beams 1 and 2  
8-1/2" Wide x 1-1/4" Thick Cover Plate

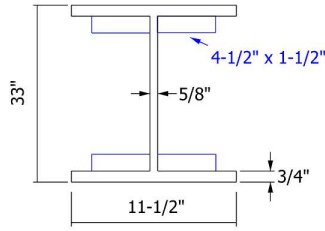


BEAM DETAILS  
Beams 3 thru 7  
8-1/2" Wide x 1-1/4" Thick Cover Plate

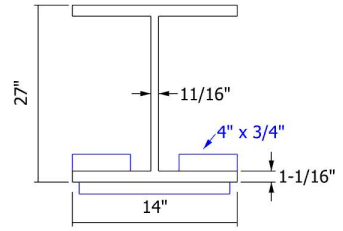
## SPAN 3



BEAM DETAILS  
Beams 1 and 2  
8-1/2" Wide x 1-1/4" Thick Cover Plate

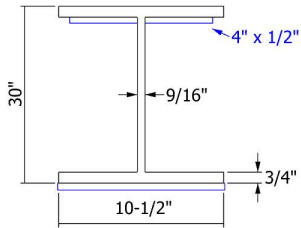


BEAM DETAILS  
W33x118  
Beams 3 thru 6

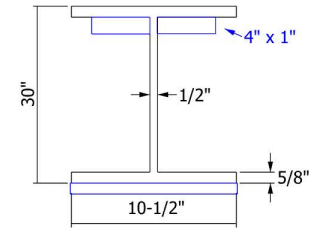


BEAM DETAILS  
W27x161  
Beam 7  
12" Wide x 1" Thick Cover Plate

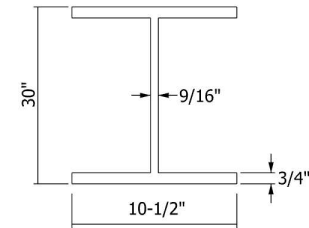
## SPAN 4



BEAM DETAILS  
W30x108  
Beams 1 and 2  
11-1/2" Wide x 1/2" Thick Cover Plate



BEAM DETAILS  
W30x90  
Beams 3 and 7  
11-1/2" Wide x 1" Thick Cover Plate



BEAM DETAILS  
W30x108  
Beams 4 thru 6

 - Welded on Sections not Original to Bridge.

Title  
BEAM DETAIL

Description  
BEAM DIMENSIONS AND PLATE REPAIRS

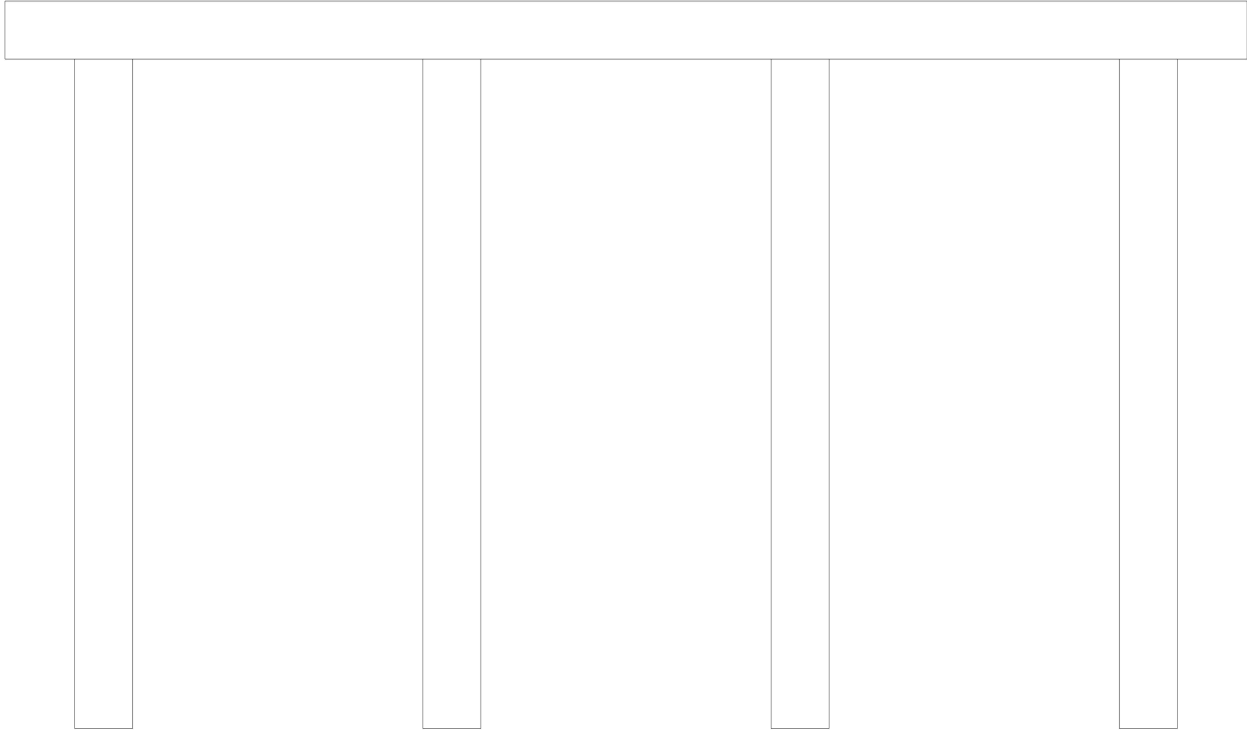
Structure No: 910069

Drawn By: BKE

Date: 10/17/2023

Filename: S000690000134.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	53.50ft	30.00in	30.00in	1.708ft	1.708ft
Piles							
#	Name	Type	Spacing	From	Height/Diam.	Width	Length
1	Pile 1	Reinforced Concrete Column	4.25ft	Left End of Bent	30.00in	30.00in	
2	Pile 2	Reinforced Concrete Column	15.00ft	Pile 1	30.00in	30.00in	
3	Pile 3	Reinforced Concrete Column	15.00ft	Pile 2	30.00in	30.00in	
4	Pile 4	Reinforced Concrete Column	15.00ft	Pile 3	30.00in	30.00in	

Title BENT PROFILE		Description BENT 1	
Structure No: 910069	Drawn By: BKE	Date: 10/17/2023	Filename: S000690000132.wes



# Bridge Inspection Field Sketch

35.00in



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	53.25ft	30.00in	30.00in	1.708ft	1.708ft
Piles							
#	Name	Type	Spacing	From	Height/Diam.	Width	Length
1	Pile 1	Reinforced Concrete Column	4.00ft	Left End of Bent	30.00in	30.00in	
2	Pile 2	Reinforced Concrete Column	10.25ft	Pile 1	30.00in	30.00in	
3	Pile 3	Reinforced Concrete Column	8.00ft	Pile 2	30.00in	30.00in	
4	Pile 4	Reinforced Concrete Column	13.50ft	Pile 3	30.00in	30.00in	
5	Pile 5	Reinforced Concrete Column	13.50ft	Pile 4	30.00in	30.00in	

Title BENT PROFILE 2		Description BENTS 2 AND 3	
Structure No: 910069	Drawn By: BKE	Date: 10/17/2023	Filename: S000690000133.wes



END BENT 1, END BENT 2 SIMILAR



12 INCH DIAMETER DUCTILE IRON UTILITY ATTACHED TO BOTTOM OF DECK IN BAY 6



SOUTHEAST WINGWALL, OTHERS SIMILAR



BENT 2, BENT 3 SIMILAR



SPAN 2 UNDERDECK, OTHERS SIMILAR



SPAN 1 EAST PROFILE, LOOKING SOUTHWEST



BEAM 2 BEARINGS AT BENT 2, OTHERS SIMILAR AT BENTS



BENT 1 (LOOKING SOUTH)



EAST PROFILE, LOOKING WEST



SPAN 3 EAST PROFILE, LOOKING WEST



SPAN 2 WEST PROFILE, LOOKING EAST



WEST PROFILE, LOOKING EAST



SPAN 4 WEST PROFILE, LOOKING EAST



BEAM 2 BEARING AT END BENT 2, OTHERS SIMILAR AT END BENTS





GUARDRAIL END TREATMENT AT NORTHWEST CORNER, SOUTHWEST SIMILAR



NORTHWEST APPROACH GUARDRAIL POST SPACING AT MID LENGTH, SOUTHWEST AND SOUTHEAST SIMILAR



NORTH APPROACH, LOOKING SOUTH



NORTHWEST APPROACH GUARDRAIL POST SPACING AT BRIDGE, SOUTHWEST AND SOUTHEAST SIMILAR



RIGHT RAIL END POST AT NORTHEAST CORNER



LOOKING WEST



LOOKING EAST



GUARDRAIL END TREATMENT AT SOUTHEAST CORNER



LOOKING NORTH



TRANSITION ALONG END BENT 1 FILL FACE, TRANSITION ALONG END BENT 2 FILL FACE SIMILAR



SOUTH APPROACH



NORTH APPROACH



RIGHT RAIL, LEFT RAIL SIMILAR



14'-2" VERTICAL CLEARANCE SIGNS ALONG US70 WESTBOUND LANE APPROXIMATELY 1 MILE EAST OF BRIDGE ON US70



14'-2" VERTICAL CLEARANCE SIGNS ALONG US70 WESTBOUND LANE APROXIMATELY 3/4 MILE EAST OF BRIDGE ON US70



14'-2" VERTICAL CLEARANCE SIGNS ALONG US70 WESTBOUND LANE APROXIMATELY 500 FEET EAST OF BRIDGE ON US70





GUARDRAIL TO BARRIER RAIL CONNECTION AT SOUTHEAST CORNER, SOUTHWEST AND NORTHWEST SIMILAR