NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PAR'S ISSUED: BEAM SECTION LOSS, MISSING ANCHOR NUT, DIAPHRAGM SPALLING, DECK SPALLING, RAIL DAMAGE, GUARDRAIL ATTACHMENT CONNECTION, CAP SPALLING, PILE SECTION LOSS, UTILITY CONNECTION SECTION LOSS. CHANGES TO BEAM DETAILS & TYP. SECTION SKETCHES.

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 01/27/2022

DIVISION: 13 **COUNTY:** BURKE **STRUCTURE NUMBER:** 110099 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: US64,70 **MILE POST:**

LOCATION: .6 MI.W.JCT.US64BUS

FEATURE INTERSECTED: SOUTHERN RR

LATITUDE: 35° 43' 49.84" **LONGITUDE:** 81° 42' 12.61"

SUPERSTRUCTURE: REINFORCED CONCRETE FLOOR ON I-BEAMS

SUBSTRUCTURE: E.BT1&BTS:RC CAPS/H-PILES(WID)E.BT2:RC SPILL THRU W/H-PILES

SPANS: 5 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

☐ FRACTURE CRITICAL ☐ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION

GRADES: (Inspector/NBI Coding) **DECK** 5 / 5 **SUPERSTRUCTURE** 4 / 4 **SUBSTRUCTURE** 5 / 5 **CULVERT** N / N

POSTED SV: Not Posted **POSTED TTST:** Not Posted

OTHER SIGNS PRESENT: NONE

LOOKING STATIONS AHEAD, EAST

Sign noticed issued for		Number Required
NO	**WEIGHT LIMIT**	0
NO	**DELINEATORS**	0
NO	**NARROW BRIDGE**	0
NO	**ONE LANE BRIDGE**	0
NO	**LOW CLEARANCE**	0

DIRECTION OF INSPECTION W-E

DIRECTION MATCHES PLANS YES

INSPECTED BY	SIGNATURE	ASSISTED BY
ADAM FELMLEE		WILL HOLLIFIELD

NATIONAL BRIDGE INVENTROY ----- STRUCTURE INVENTORY AND APPRAISAL

03/15/2022

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE **110099**
(8) STRUCTURE NUMBER (FEDERAL) **0230099**
(5) INVENTORY ROUTE (ON/UNDER) ON **121000640**
(2) STATE HIGHWAY DEPARTMENT DISTRICT **13**
(3) COUNTY CODE (FEDERAL) **23** (4) PLACE CODE **44400**
(6) FEATURE INTERSECTED **SOUTHERN RR**
(7) FACILITY CARRIED **US64,70**
(9) LOCATION **.6 MI.W.JCT.US64BUS**
(11) MILEPOINT **0.0**
(12) BASE HIGHWAY NETWORK **1**
(13) LRS INVENTORY ROUTE & SUBROUTE **20064**
(16) LATITUDE **35° 43' 49.84"** (17) LONGITUDE **81° 42' 12.61"**
(98) BORDER BRIDGE STATE CODE PERCENT SHARED
(99) BORDER BRIDGE STRUCTURE NUMBER

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 **5**
(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**

AGE AND SERVICE

(27) YEAR BUILT **1955**
(106) YEAR RECONSTRUCTED **1974**
(42) TYPE OF SERVICE ON - **Highway - Pedestrian**
OFF - **Railroad** CODE **52**
(28) LANES ON STRUCTURE **5** LANES UNDER STRUCTURE **0**
(29) AVERAGE DAILY TRAFFIC **20000**
(30) YEAR OF ADT **2018** (109) TRUCK ADT PCT **12**
(19) BYPASS OR DETOUR LENGTH **1.0**

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN **42.0**
(49) STRUCTURE LENGTH **193.0**
(50) CURB OR SIDEWALK: LEFT **5.0** RIGHT **3.0**
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB **64.0**
(52) DECK WIDTH OUT TO OUT **74.3**
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) **64.0**
(33) BRIDGE MEDIAN **No median** CODE **0**
(34) SKEW **53** (35) STRUCTURE FLARED **0**
(10) INVENTORY ROUTE MIN VERT CLEAR **999.9**
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR **64.0**
(53) MIN VERT CLEAR OVER BRIDGE RDWY **999.9**
(54) MIN VERT UNDERCLEAR: REFERENCE **R** **21.3**
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE **R** **11.6**
(56) MIN LAT UNDERCLEARANCE LT: **0.0**

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**

SUFFICIENCY RATING **46.11**
STATUS = **Structurally Deficient**

CLASSIFICATION		CODE
(112) NBIS BRIDGE SYSTEM		**YES**
(104) HIGHWAY SYSTEM	**Inventory Route is on NHS**	**1**
(26) FUNCTIONAL CLASS	**Urban Other Principal Arterial**	**14**
(100) STRAHNET HIGHWAY	**Not a STRAHNET Route**	**0**
(101) PARALLEL STRUCTURE	**No parallel structure exists**	**N**
(102) DIRECTION OF TRAFFIC	**2-way traffic**	**2**
(103) TEMPORARY STRUCTURE		
(110) DESIGNATED NATIONAL NETWORK -	**on natiional network for trucks**	**1**
(20) TOLL	**On Free Road**	**3**
(21) MAINT -		**01**
(22) OWNER -		**01**
(37) HISTORICAL SIGNIFICANCE -		**5**

CONDITION	CODE
(58) DECK	**5**
(59) SUPERSTRUCTURE	**4**
(60) SUBSTRUCTURE	**5**
(61) CHANNEL & CHANNEL PROTECTION	**N**
(62) CULVERTS	**N**

LOAD RATING AND POSTING		CODE
(31) DESIGN LOAD	**H 20 + Mod**	**6**
(63) OPERATING RATING METHOD -	**Load Factor**	**1**
(64) OPERATING RATING -	**HS-30**	**54**
(65) INVENTORY RATING METHOD -		**1**
(66) INVENTORY RATING	**HS-18**	**32**
(70) BRIDGE POSTING	**No Posting Required**	**5**
(41) STRUCTURE OPEN, POSTED, OR CLOSED		**A**
DESCRIPTION	**Open, no restriction**	

APPRAISAL	CODE
(67) STRUCTURAL EVALUATION	**4**
(68) DECK GEOMETRY	**2**
(69) UNDERCLEARANCES, VERT & HORIZ	**5**
(71) WATERWAY ADEQUACY	**N**
(72) APPROACH ROADWAY ALIGNMENT	**8**
(36) TRAFFIC SAFETY FEATURES	**0110**
(113) SCOUR CRITICAL BRIDGES	**N**

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 **40,000** YEAR OF FUTURE ADT **2040**

INSPECTION

(90) INSPECTION DATE **01/22** (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

Structure Number **110099** County **BURKE** Run Date **03/15/2022**

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	Rigth 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
3	RAILROAD	80000000											21.3	7.4		4			☐	☐
3	Railroad	80000000		0.0							23.6	R	21.3	11.6	12.0	5			☐	☐

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** 32.5000 **Skew** 143.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Aluminum Bridge Rail	Metal Bridge Railing	33 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2416 Square Feet		
1	Concrete and Metal Railing	Other Bridge Railing	33 Feet		
11	Plate Girder	Steel Open Girder/Beam	352 Feet	Legacy Red Lead Primer Systems with Various Topcoats	2750
1	Asphalt Wearing Surface	Wearing Surface	2080 Square Feet		
11	Fixed Bearing	Fixed Bearing	11 Each	Legacy Red Lead Primer Systems with Various Topcoats	11
11	Movable Bearing	Movable Bearing	11 Each	Legacy Red Lead Primer Systems with Various Topcoats	11

Span Number 2 **Span Length** 32.5000 **Skew** 143.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Aluminum Bridge Rail	Metal Bridge Railing	33 Feet		
1	Standard Joint	Pourable Joint Seal	124 Feet		
11	Plate Girder	Steel Open Girder/Beam	363 Feet	Legacy Red Lead Primer Systems with Various Topcoats	3025
11	Fixed Bearing	Fixed Bearing	11 Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Asphalt Wearing Surface	Wearing Surface	2080 Square Feet		
1	Concrete and Metal Railing	Other Bridge Railing	33 Feet		
11	Movable Bearing	Movable Bearing	11 Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2416 Square Feet		

Span Number 3 **Span Length** 42.5000 **Skew** 143.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3160 Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	2720 Square Feet		

Superstructure Build Details

11	Movable Bearing	Movable Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Concrete and Metal Railing	Other Bridge Railing	43	Feet		
11	Fixed Bearing	Fixed Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
11	Plate Girder	Steel Open Girder/Beam	473	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4400
1	Standard Joint	Pourable Joint Seal	124	Feet		
1	Aluminum Bridge Rail	Metal Bridge Railing	43	Feet		

Span Number 4 **Span Length** 42.5000 **Skew** 143.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Aluminum Bridge Rail	Metal Bridge Railing	43	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3160	Square Feet		
11	Plate Girder	Steel Open Girder/Beam	473	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4400
1	Standard Joint	Pourable Joint Seal	124	Feet		
1	Asphalt Wearing Surface	Wearing Surface	2720	Square Feet		
1	Concrete and Metal Railing	Other Bridge Railing	43	Feet		
11	Movable Bearing	Movable Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
11	Fixed Bearing	Fixed Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11

Span Number 5 **Span Length** 42.5000 **Skew** 143.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	2720	Square Feet		
1	Standard Joint	Pourable Joint Seal	124	Feet		
11	Fixed Bearing	Fixed Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
11	Plate Girder	Steel Open Girder/Beam	462	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4290
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3160	Square Feet		

Superstructure Build Details

11	Movable Bearing	Movable Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Concrete and Metal Railing	Other Bridge Railing	43	Feet		
1	Aluminum Bridge Rail	Metal Bridge Railing	43	Feet		

Structure Element Scoring

Structure Number: **110099**

Inspection Date **1/27/2022**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	14312	12910	1184	217	1
107	0	Steel Open Girder/Beam	Beam	2123	1746	205	62	110
515	107	Steel Protective Coating	Beam	18865	17607	607	102	549
215	0	Reinforced Concrete Abutment	Abutments	260	220	31	9	0
225	0	Steel Pile	Piles and Columns	64	22	25	12	5
515	225	Steel Protective Coating	Piles and Columns	3904	3192	240	333	139
234	0	Reinforced Concrete Pier Cap	Caps	666	521	28	117	0
301	0	Pourable Joint Seal	Expansion Joints	496	431	0	48	17
311	0	Movable Bearing	Bearing Device	55	29	0	26	0
515	311	Steel Protective Coating	Bearing Device	55	30	0	0	25
313	0	Fixed Bearing	Bearing Device	55	37	2	16	0
515	313	Steel Protective Coating	Bearing Device	55	37	0	1	17
330	0	Metal Bridge Railing	Bridge Rail	195	0	195	0	0
333	0	Other Bridge Railing	Bridge Rail	195	4	156	25	10
510	0	Wearing Surface	Wearing Surfaces	12320	11510	0	810	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **110099** Inspection Date: **01/27/2022**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	1122 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	204 Square Feet
3314	Steel Open Girder/Beam	Corrosion	195 Feet
3350	Reinforced Concrete Abutment	Delamination/Spall	3 Feet
3350	Reinforced Concrete Abutment	Efflorescence/Rust Staining	7 Feet
3354	Steel Pile	Corrosion	14 Each
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	77 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	105 Feet
3348	Reinforced Concrete Pier Cap	Efflorescence/Rust Staining	1 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	18 Feet
3348	Reinforced Concrete Pier Cap	Damage	99 Feet
3310	Pourable Joint Seal	Seal Damage	17 Feet
3310	Pourable Joint Seal	Leakage	20 Feet
3334	Movable Bearing	Corrosion	25 Each
3334	Movable Bearing	Connection	1 Each
3334	Fixed Bearing	Corrosion	16 Each
3322	Metal Bridge Railing	Damage	152 Feet
3318	Other Bridge Railing	Distortion	10 Feet
3318	Other Bridge Railing	Delamination/Spall	29 Feet
2816	Wearing Surface	Crack (Wearing Surface)	810 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	726 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	832 Square Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	575 Square Feet

Element Structure Maintenance Quantities

Structure Number: **110099** Inspection Date **01/27/2022**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	10	260	0	9	31	220
Beam	3314	Maintenance Steel Superstructure Components	195	2123	110	62	205	1746
Beam	3342	Clean and Paint Steel	1258	18865	549	102	607	17607
Bearing Device	3334	Bridge Bearing	42	110	0	42	2	66
Bearing Device	3342	Clean and Paint Steel	43	110	42	1	0	67
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	39	195	10	25	156	4
Bridge Rail	3322	Maintenance of Steel Bridge Rail	152	195	0	0	195	0
Caps	3348	Maintenance of Concrete Substructure	300	666	0	117	28	521
Deck	3326	Maintenance of Concrete Deck	1326	14312	1	217	1184	12910
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	37	496	17	48	0	431
Piles and Columns	3342	Clean and Paint Steel	832	3904	139	333	240	3192
Piles and Columns	3354	Maintenance of Steel Substructure Components	14	64	5	12	25	22
Wearing Surfaces	2816	Asphalt Surface Repair	810	12320	0	810	0	11510

Priority Actions Request

Structure Number 110099

Span1

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Span 1 Deck: BAY 7 FAR DIAPHRAGM - SPALL (18IN X 16IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)
2	Delamination/Spall	2	Span 1 Deck: BAY 8 FAR DIAPHRAGM - SPALL (24IN X 8IN X 4IN) WITH EXPOSED REBAR AT MIDDLE (PAR)
2	Delamination/Spall	3	Span 1 Deck: BAY 8 FAR DIAPHRAGM - SPALL (30IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)
2	Delamination/Spall	1	Span 1 Deck: BAY 9 FAR DIAPHRAGM - SPALL (12IN X 6IN 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR)
2	Delamination/Spall	12	Span 1 Deck: SPALL & DELAMINATION (12FT L. X 1FT W. X 4IN D.) WITH EXPOSED REBAR RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR)

3318 **Right Bridge Rail** Concrete and Metal Railing

Priority Level	Defect Type	Quantity	Defect Description
2	Damage	2	Span 1 Right Bridge Rail: HEAVY IMPACT DAMAGE (2FTL. X FULL HEIGHT) WITH BROKEN CONCRETE AND LEANING RAIL AT MIDSPAN (PAR)

3334 **Beam 5** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 1 Beam 5 - Far Bearing 5: LEFT SIDE ANCHOR NUT MISSING (PAR)

3314 **Beam 7** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	8	Span 1 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, 1/12IN REMAIN) TO FULL WIDTH & WEB SECTION LOSS (3/8IN SL, AVG. 1/8IN REMAIN) X 6IN H. FOR 10FT L. AT FAR END (PAR)
2	Corrosion	6	Span 1 Beam 7: WEB SECTION LOSS (3/16IN SL, 5/16IN REMAIN) TO RIGHT SIDE, 2IN H. FOR 6FT L. STARTING 10FT FROM FAR END (PAR)
2	Corrosion	2	Span 1 Beam 7: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)

3314 **Beam 8** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 8: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)

3314 **Beam 9** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 4IN H. TO FAR END DIAPHRAGM (PAR)

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

Priority Actions Request

Structure Number **110099**

3314 **Beam 10** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 10: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)

3314 **Beam 11** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 11: WEB SECTION LOSS (3/16IN PITTING, 5/16IN REMAIN) TO RIGHT SIDE, 6IN X 6IN AT BOTH SIDES OF UTILITY BRACKET CONNECTION, 6FT FROM FAR END (PAR)
2	Corrosion	2	Span 1 Beam 11: WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 9IN H. AT FAR END DIAPHRAGM (PAR)

Span2

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 2 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR)
2	Delamination/Spall	6	Span 2 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (6FT X 7IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR)
2	Delamination/Spall	1	Span 2 Deck: BAY 7 FAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)
2	Delamination/Spall	10	Span 2 Deck: BAY 7 NEAR DIAPHRAGM - FAILED REPAIR WITH SPALLING (UP TO 30IN X 12IN X 6IN) WITH EXPOSED REBAR THROUGHOUT (PAR)
2	Delamination/Spall	2	Span 2 Deck: BAY 8 FAR DIAPHRAGM - SPALL (18IN X 10IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)
2	Delamination/Spall	4	Span 2 Deck: BAY 9 FAR DIAPHRAGM - 2X SPALLS (UP TO 48IN X 12IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR)
2	Delamination/Spall	4	Span 2 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (40IN X 12IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR)
2	Delamination/Spall	1	Span 2 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR TO FAR BOTTOM CORNER (PAR)
2	Delamination/Spall	15	Span 2 Deck: SPALL (15FT X 8IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT MIDSPAN (PAR)

3314 **Beam 7** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 2 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 25% SL, 3/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 4FT L. & WEB SECTION LOSS (1/8IN SL, 3/8IN REMAIN) TO BOTTOM X 2IN H. FOR 4FT AT FAR END (PAR)
2	Corrosion	5	Span 2 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, AVG. 1/2IN REMAIN) TO FULL WIDTH FOR 1FT L. & WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) X 3IN H. FOR 5FT L. AT NEAR END (PAR)
2	Corrosion	2	Span 2 Beam 7: WEB SECTION LOSS (UP TO 100% SL, AVG. 3/16IN REMAIN) TO FULL HEIGHT FOR 18IN L. AT FAR END DIAPHRAGM (PAR)

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

Priority Actions Request

Structure Number **110099**

2	Corrosion	2	Span 2 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) FOR 16IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 8** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 8: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 3IN H.) AT NEAR END DIAPHRAGM (PAR)
2	Corrosion	2	Span 2 Beam 8: WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR)

3314 **Beam 9** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 15IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)
2	Corrosion	2	Span 2 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 20IN L. X 2IN H. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 10** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 10: WEB SECTION LOSS (5/16IN SL, 3/16IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)
2	Corrosion	2	Span 2 Beam 10: WEB SECTON LOSS (UP TO 3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 10IN H. AT FAR END DIAPHRAGM (PAR)

3314 **Beam 11** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 11: WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR)
2	Corrosion	1	Span 2 Beam 11: WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR)

Span3

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 3 Deck: BAY 10 FAR DIAPHRAGM - SPALL (36IN X 12IN X 4IN) WITH EXPOSED REBAR (PAR)
2	Delamination/Spall	2	Span 3 Deck: BAY 7 NEAR DIAPHRAGM - SPALL (16IN X 16IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR)
2	Delamination/Spall	2	Span 3 Deck: BAY 8 NEAR DIAPHRAGM - SPALL (18IN X 8IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)
2	Delamination/Spall	2	Span 3 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (24IN X 24IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)

Priority Actions Request

Structure Number **110099**

3314 **Beam 7** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 3 Beam 7: WEB SECTION LOSS (UP TO 7/16IN SL, 1/8IN REMAIN) FOR 24IN L. X 5IN H. AT FAR END DIAPHRAGM (PAR)

3314 **Beam 9** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 3 Beam 9: WEB SECTION LOSS (3/16IN SL, 7/16IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR)
2	Corrosion	2	Span 3 Beam 9: WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) TO FULL HEIGHT X 2FT L. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 11** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	20	Span 3 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 4FT L. AT NEAR END, 6FT AT MIDSPAN, AND LEFT SIDE ONLY FOR 10FT AT FAR END & WEB PITTING (1/8IN PITTING, 7/16IN REMAIN) TO FULL HEIGHT FOR 4FT AT NEAR END (PAR)
2	Corrosion	2	Span 3 Beam 11: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR)

Span4

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 4 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 6IN X 3IN) WITH EXPOSED REBAR (PAR)
2	Delamination/Spall	6	Span 4 Deck: BAY 7 NEAR DIAPHRAGM - 2X SPALLS (UP TO 40IN X 8IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR)
2	Delamination/Spall	2	Span 4 Deck: BAY 8 FAR DIAPHRAGM - SPALL (16IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)
2	Delamination/Spall	4	Span 4 Deck: BAY 8 NEAR DIAPHRAGM - SPALL & DELAMINATION (UP TO 48IN X 8IN X 2IN) WITH EXPOSED REBAR THROUGHOUT (PAR)
2	Delamination/Spall	25	Span 4 Deck: SPALL (25FT X 6IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR)

3314 **Beam 7** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 4 Beam 7: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 16IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 8** Plate Girder

Priority Actions Request

Structure Number **110099**

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 4 Beam 8: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 12IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 9** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 4 Beam 9: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 12IN H. AT FAR END DIAPHRAGM (PAR)
2	Corrosion	1	Span 4 Beam 9: WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) FOR 6IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 11** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	15	Span 4 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 15FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 5IN H. FOR 15FT L. AT FAR END (PAR)
2	Corrosion	2	Span 4 Beam 11: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)

Span5

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Span 5 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (24IN X 8IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 11 (PAR)
2	Delamination/Spall	2	Span 5 Deck: BAY 7 NEAR DIAPHRAGM - SPALL (20IN X 20IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR)
2	Delamination/Spall	3	Span 5 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (26IN X 12IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)
2	Delamination/Spall	2	Span 5 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (14IN X 8IN X 2IN) WITH EXPOSED REBAR (PAR)

3318 **Right Bridge Rail** Concrete and Metal Railing

Priority Level	Defect Type	Quantity	Defect Description
2	Distortion	10	Span 5 Right Bridge Rail: HEAVY IMPACT DAMAGE (FULL HEIGHT X 10FT L.) WITH BROKEN/SPALLED CONCRETE & EXPOSED REBAR STARTING 5FT FROM NEAR END (PAR)

3314 **Beam 7** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 5 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 4FT L. AT NEAR END (PAR)

Priority Actions Request

Structure Number **110099**

2	Corrosion	2	Span 5 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) FOR 18IN L. X 25IN H. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 9** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 5 Beam 9: WEB SECTION LOSS (5/16IN SL, 5/16IN REMAIN) FOR 16IN L. X 9IN H. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 10** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 5 Beam 10: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR)

3314 **Beam 11** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 5 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) TO BOTTOM X 2IN H. FOR 2FT L. AT NEAR END (PAR)
2	Corrosion	2	Span 5 Beam 11: WEB SECTION LOSS (UP TO 1/2IN SL, 5/16IN REMAIN) FOR 20IN L. X 20IN H. AT NEAR END DIAPHRAGM (PAR)

Bent 1

3348 **Cap 1** Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Cracking (RC and	35	Bent 1 Cap 1: DELAMINATION (35FT L. X UP TO 24IN H.) TO FAR FACE AT TOP BELOW BAYS 7-11 (PAR)
2	Delamination/Spall	3	Bent 1 Cap 1: SPALL (36IN X 12IN X 2IN) WITH EXPOSED REBAR TO FAR FACE BELOW BEAM 9 (PAR)
2	Delamination/Spall	4	Bent 1 Cap 1: SPALL (48IN X 12IN X 5IN) WITH EXPOSED REBAR TO NEAR BOTTOM CORNER BELOW BAY 9 (PAR)

Bent 2

3348 **Cap 1** Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Bent 2 Cap 1: DELAMINATION (24IN X 8IN X 8IN) WITH MINOR RUST STAINING TO BOTTOM & FAR FACE OF CAP BETWEEN PILES 8 & 9 (PAR)

3354 **Pile 9** Steel Pile

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

Priority Actions Request

Structure Number **110099**

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 2 Pile 9: NEAR FLANGE SECTION LOSS (3/16IN SL, 1/4IN REMAIN) AT TOP, 2IN H. X FULL WIDTH (SIMILAR AT FAR FLANGE) (PAR)

3354 **Pile 10** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 2 Pile 10: NEAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP (FAR FLANGE SIMILAR) (PAR)

3354 **Pile 12** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 2 Pile 12: NEAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 1FT H. AT BOTTOM (PAR)

3354 **Pile 15** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Bent 2 Pile 15: NEAR & FAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH, 4IN H. AT NEAR FLANGE, 4FT H. AT FAR FLANGE UNDER REAIR (PAR)

Bent 3

3348 **Cap 1** Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	5	Bent 3 Cap 1: LOOSE DELAMINATION (4.5FT X 2FT) TO NEAR FACE BELOW BAY 8 (PAR)
2	Delamination/Spall	9	Bent 3 Cap 1: SPALL & DELAMINATION (9FT L. X 18IN H. X UP TO 6IN D.) WITH EXPOSED REBAR TO FAR FACE & TOP BELOW BAY 7 (PAR)

3354 **Pile 17** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 17: FAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 4IN H. AT TOP (NEAR FLANGE SIMILAR) (PAR)
2	Corrosion	1	Bent 3 Pile 17: NEAR FLANGE SECTION LOSS (UP TO 1/8IN SL, 5/16IN REMAIN) FOR 6IN W. X 6IN H. AT BOTTOM (FAR FLANGE SIMILAR, 1/16IN PITTING)

Bent 4

3348 **Cap 1** Reinforced Concrete Pier Cap

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

Priority Actions Request

Structure Number **110099**

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	25	Bent 4 Cap 1: DELAMINATION (FULL HEIGHT) & 2X SPALLS (UP TO 48IN X 16IN X 3IN) WITH EXPOSED REBAR TO FAR FACE BELOW BAYS 8-10 (25FT TOTAL) (PAR)

Approach Guardrail and Barriers

3120 **Approach Guardrail and Barriers** Approach Guardrail and Barriers

Priority Level	Defect Type	Quantity	Defect Description
2		1	NEAR LEFT GUARDRAIL ATTACHMENT - NO ANCHOR BOLTS PRESENT (PAR)
2		1	
2		1	SPAN 1 RIGHT OVERHANG UTILITY - BRACKET SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) AT CONNECTION TO BEAM 11 BOTTOM FLANGE AT FAR END (PAR)
2		1	SPAN 1 RIGHT OVERHANG UTILITY - SECTION LOSS (1/4IN SL, 5/8IN REMAIN) TO BOTH HANGERS AT FAR END (PAR)

Element Condition and Maintenance Data

Structure Number: **110099** Inspection Date: **01/27/2022**

Span 1 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	2,416	2,366	18	32	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	along right drip edge, multiple spalls (up to 2' x 4" x 1/2") with exposed rusted rebar	3	12	12	Square Feet
12	Delamination/Spall	BAY 7 FAR DIAPHRAGM - SPALL (18IN X 16IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)	3	2	2	Square Feet
12	Delamination/Spall	BAY 8 FAR DIAPHRAGM - SPALL (24IN X 8IN X 4IN) WITH EXPOSED REBAR AT MIDDLE (PAR)	3	2	2	Square Feet
12	Delamination/Spall	BAY 8 FAR DIAPHRAGM - SPALL (30IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)	3	3	3	Square Feet
12	Delamination/Spall	BAY 9 FAR DIAPHRAGM - SPALL (12IN X 6IN 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR)	3	1	1	Square Feet
12	Delamination/Spall	SPALL & DELAMINATION (12FT L. X 1FT W. X 4IN D.) WITH EXPOSED REBAR RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR)	3	12	12	Square Feet
12	Efflorescence/Rust Staining	underside of deck at end bent 1, bay 5, diagonal crack (hairline x 6') with efflorescence, similar bays 2 and 4	2	18		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	2,080	1,938	0	142	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	at random, transverse cracks (up to 1/8" x 3')	3	10	10	Square Feet
510	Crack (Wearing Surface)	FULL LENGTH LONGITUDINAL CRACK (1/8IN) THROUGHOUT CENTER OF ROADWAY	3	32	32	Square Feet
510	Crack (Wearing Surface)	UP TO 0.25" TRANSVERSE CRACKS IN ASPHALT WEARING SURFACE OVER END BENT 1	3	100	100	Square Feet

General Comments

Span 1 Left Bridge Rail

Aluminum Bridge Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	33	0	33	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	along edge of sidewalk, map cracks (hairline x 1' x full length), similar at concrete end post	2	33	33	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	33	0	25	8	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Damage**	**HEAVY IMPACT DAMAGE (2FTL. X FULL HEIGHT) WITH BROKEN CONCRETE AND LEANING RAIL AT MIDSPAN (PAR)**	3	2		Feet
333	**Delamination/Spall**	**rail posts at random, (6) spalls (up to 6" x 2" x 1") with exposed rusted rebar**	3	6	6	Feet
333	**Cracking**	**throughout sidewalk and end post, map cracks (hairline up to 1/32")**	2	25		Feet

General Comments

Span 1 — Far Bearing 5

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Connection**	**LEFT SIDE ANCHOR NUT MISSING (PAR)**	3	1	1	Each

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	32	15	0	1	16	Feet
515	Steel Protective Coating	250	200	0	0	50	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, 1/12IN REMAIN) TO FULL WIDTH & WEB SECTION LOSS (3/8IN SL, AVG. 1/8IN REMAIN) X 6IN H. FOR 10FT L. AT FAR END (PAR)**	4	8	8	Feet
107	**Corrosion**	**WEB SECTION LOSS (3/16IN SL, 5/16IN REMAIN) TO RIGHT SIDE, 2IN H. FOR 6FT L. STARTING 10FT FROM FAR END (PAR)**	4	6	6	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/16IN SL, 7/16IN REMAIN) TO RIGHT SIDE, 3IN X 3IN AT NEAR END BOTTOM**	3	1	1	Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	50	50	Square Feet

General Comments

Span 1 — Far Bearing 7

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 1 — Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	32	1	28	1	2	Feet
515	Steel Protective Coating	250	212	30	0	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/16IN SL, 7/16IN REMAIN) TO RIGHT SIDE, 6IN X 6IN AT NEAR END BOTTOM**	3	1	1	Feet
107	**Corrosion**	**bottom flange and bottom of web, freckled rust (full length)**	2	28		Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale and section loss**	4	8	8	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	30	30	Square Feet

General Comments

Span 1 — Far Bearing 8

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 1 Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	32	0	29	1	2	Feet
515	Steel Protective Coating	250	217	0	30	3	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 4IN H. TO FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/16IN SL, 7/16IN REMAIN) TO RIGHT SIDE, 4IN X 2IN AT NEAR END BOTTOM**	3	1	1	Feet
107	**Corrosion**	**bottom flange, surface rust (full length)**	2	29		Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	30	30	Square Feet

General Comments

Span 1 Far Bearing 9

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 1 Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	32	10	20	0	2	Feet
515	Steel Protective Coating	250	228	20	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**freckled rust throughout**	2	20		Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	2	2	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**at random, paint peeling with freckled rust**	2	20	20	Square Feet

General Comments

Span 1 — Far Bearing 10

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 1 — Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	32	2	26	1	3	Feet
515	Steel Protective Coating	250	199	0	26	25	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (3/16IN PITTING, 5/16IN REMAIN) TO RIGHT SIDE, 6IN X 6IN AT BOTH SIDES OF UTILITY BRACKET CONNECTION, 6FT FROM FAR END (PAR)**	4	1	1	Feet
107	**Corrosion**	**WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 9IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (13% SL, 3/16IN SL, 9/16IN REMAIN) TO RIGHT SIDE, 3IN W. FOR 6IN L. AT NEAR END BEHIND BEARING**	3	1	1	Feet
107	**Corrosion**	**along bottom flange, surface rust (full length)**	2	26		Feet
107	**Corrosion**	**both flanges, below deck haunch spall, rust scale with pitting (up to 1/16")**	2			Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss and rust scale**	4	25	25	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	26	26	Square Feet

General Comments

Span 1 — Near Bearing 11

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing 11

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	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	2,416	1,543	760	113	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	**Cracking (RC and Other)**	**underside, at bent 2, bay 8, map cracks (1/32" x 7' x 8')**	3	56	56	Square Feet
12	**Cracking (RC and Other)**	**underside, at bent 2, bay 9, map cracks (1/32" x 5' x 4')**	3	9	9	Square Feet
12	**Delamination/Spall**	**BAY 10 NEAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR)**	3	1	1	Square Feet
12	**Delamination/Spall**	**BAY 10 NEAR DIAPHRAGM - SPALL (6FT X 7IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR)**	3	6	6	Square Feet
12	**Delamination/Spall**	**BAY 7 FAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)**	3	1	1	Square Feet
12	**Delamination/Spall**	**BAY 7 NEAR DIAPHRAGM - FAILED REPAIR WITH SPALLING (UP TO 30IN X 12IN X 6IN) WITH EXPOSED REBAR THROUGHOUT (PAR)**	3	10	10	Square Feet
12	**Delamination/Spall**	**BAY 8 FAR DIAPHRAGM - SPALL (18IN X 10IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)**	3	2	2	Square Feet
12	**Delamination/Spall**	**BAY 9 FAR DIAPHRAGM - 2X SPALLS (UP TO 48IN X 12IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR)**	3	4	4	Square Feet
12	**Delamination/Spall**	**BAY 9 NEAR DIAPHRAGM - SPALL (40IN X 12IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR)**	3	4	4	Square Feet
12	**Delamination/Spall**	**bent 1 end diaphragm, bay 8, underside, (4) spalls (up to 7" diameter x 1") with exposed rusted rebar**	3	4	4	Square Feet
12	**Delamination/Spall**	**RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR TO FAR BOTTOM CORNER (PAR)**	3	1	1	Square Feet
12	**Delamination/Spall**	**SPALL (15FT X 8IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT MIDSPAN (PAR)**	3	15	15	Square Feet
12	**Cracking (RC and Other)**	**bent 2 end diaphragm, bay 7 at beam 7, map cracks (hairline x 12" x 8") with efflorescence**	2	2	2	Square Feet
12	**Cracking (RC and Other)**	**underside at bent 4, bays 9 and 10, multiple transverse cracks (hairline up 1/32" x 7')**	2	750	750	Square Feet
12	**Delamination/Spall**	**BAY 10 FAR DIAPHRAGM - SPALL (6IN DIA. X 2IN D.) WITH NO EXPOSED REBAR ADJACENT TO BEAM 11**	2	1	1	Square Feet
12	**Efflorescence/Rust Staining**	**underside, bay 5, at midspan, transverse crack (hairline x 7') with efflorescence**	2	7		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	2,080	1,848	0	232	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	**Crack (Wearing Surface)**	**FULL LENGTH LONGITUDINAL CRACK (1/8IN) THROUGHOUT CENTER OF ROADWAY**	3	32	32	Square Feet
510	**Crack (Wearing Surface)**	**over bent 1, transverse crack (up to 1/4" x 100')**	3	100	100	Square Feet
510	**Crack (Wearing Surface)**	**UP TO 0.5" TRANSVERSE CRACKS OVER BENT 2**	3	100	100	Square Feet

General Comments

Span 2 — Left Bridge Rail

Aluminum Bridge Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	33	0	33	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	**Damage**	**along edge of sidewalk, map cracks (hairline x 1' x full length)**	2	33	33	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	33	0	33	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Cracking**	**throughout sidewalk and end post, map cracks (hairline up to 1/32")**	2			Feet
333	**Delamination/Spall**	**rail posts at random, (3) spalls (up to 5" diameter x 1/2") with exposed rusted rebar**	2		3	Feet
333	**Deterioration (Other)**	**throughout sidewalk and rail, scale with secure aggregate**	2	33		Feet

General Comments

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	33	31	2	0	0	Feet
515	Steel Protective Coating	275	273	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**at bent 2, web, freckled rust (2')**	2	2		Feet
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	2	2	Square Feet

General Comments

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	33	31	2	0	0	Feet
515	Steel Protective Coating	275	273	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**at bent 2, bottom of web and bottom flange, rust scale (16")**	2	2		Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale**	4	2	2	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	33	24	0	0	9	Feet
515	Steel Protective Coating	275	235	0	0	40	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 25% SL, 3/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 4FT L. & WEB SECTION LOSS (1/8IN SL, 3/8IN REMAIN) TO BOTTOM X 2IN H. FOR 4FT AT FAR END (PAR)**	4	2	4	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, AVG. 1/2IN REMAIN) TO FULL WIDTH FOR 1FT L. & WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) X 3IN H. FOR 5FT L. AT NEAR END (PAR)**	4	3	5	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100% SL, AVG. 3/16IN REMAIN) TO FULL HEIGHT FOR 18IN L. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) FOR 16IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale and section loss**	4	40	40	Square Feet

General Comments

Span 2 Near Bearing 7

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing 7

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	33	29	0	0	4	Feet
515	Steel Protective Coating	275	221	50	0	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 3IN H.) AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE MODERATE SURFACE CORROSION FOR 2FT AT FAR END**	2			Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	4	4	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling & minor surface corrosion**	2	50	50	Square Feet

General Comments

Span 2 — Near Bearing 8

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing 8

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	33	26	3	0	4	Feet
515	Steel Protective Coating	275	203	60	0	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 15IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 20IN L. X 2IN H. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/16IN SL, 7/16IN REMAIN) TO BOTTOM FOR 24IN L. X 3IN H. AT NEAR END**	3		2	Feet
107	**Corrosion**	**at bent 2, bottom flange, rust scale (4')**	2	3		Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	12	12	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling & minor surface corrosion**	2	60	60	Square Feet

General Comments

Span 2 — Near Bearing 9

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing 9

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	33	28	1	0	4	Feet
515	Steel Protective Coating	275	200	60	0	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (5/16IN SL, 3/16IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTON LOSS (UP TO 3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 10IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**at bent 2, bottom flange, rust scale (2')**	2	1		Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	15	15	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling & minor surface corrosion**	2	60	60	Square Feet

General Comments

Span 2 — Near Bearing 10

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing 10

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	33	19	0	11	3	Feet
515	Steel Protective Coating	275	250	0	0	25	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR)**	4	1	1	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 4% SL, 1/16IN SL, 11/16IN REMAIN) TO LEFT SIDE, 5IN W. FOR 2/3 LENGTH**	3	9	9	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 8% SL, 1/16IN SL, 11/16IN REMAIN) TO FULL WIDTH FOR 4FT L. AT FAR END**	3	2	4	Feet
107	**Corrosion**	**DUPLICATE COMMENT REMOVED**	1			Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale and section loss**	4	25	25	Square Feet

General Comments

Span 2 — Near Bearing 11

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing 11

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 2 — Bent 1 Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	124	112	0	7	5	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	**Seal Damage**	**UNABLE TO VERIFY DUE TO PACKED SNOW & ICE. 2020 INSPECTION: at right sidewalk, joint material missing/separated (5') with debris and vegetation**	4	5	5	Feet
301	**Seal Adhesion**	**left sidewalk, joint material separated with debris and vegetation**	3	7		Feet

General Comments

Span 3 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,160	2,764	372	24	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	**Cracking (RC and Other)**	**bent 2 end diaphragm, outside of beam 11, delamination (20" x 9") with crack (1/4")**	3	2	2	Square Feet
12	**Delamination/Spall**	**BAY 10 FAR DIAPHRAGM - SPALL (36IN X 12IN X 4IN) WITH EXPOSED REBAR (PAR)**	3	3	3	Square Feet
12	**Delamination/Spall**	**BAY 7 NEAR DIAPHRAGM - SPALL (16IN X 16IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR)**	3	2	2	Square Feet
12	**Delamination/Spall**	**BAY 8 NEAR DIAPHRAGM - SPALL (18IN X 8IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)**	3	2	2	Square Feet
12	**Delamination/Spall**	**BAY 9 NEAR DIAPHRAGM - SPALL (24IN X 24IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)**	3	2	2	Square Feet
12	**Delamination/Spall**	**bent 2 end diaphragm, bay 10 at beam 11, spall/delamination (5' x 3" x 2") with exposed rusted rebar**	3	5	5	Square Feet
12	**Delamination/Spall**	**bent 3 end diaphragm, bay 7, underside (5) spalls (up to 6" diameter x 1") with exposed rusted rebar**	3	5	5	Square Feet
12	**Delamination/Spall**	**bent 3 end diaphragm, bay 9, (3) spalls (up to 8" x 2" x 1/2") with exposed rusted rebar**	3	3	3	Square Feet
12	**Cracking (RC and Other)**	**underside, bays 7-10, map cracks (hairline) some with efflorescence**	2	300	300	Square Feet
12	**Delamination/Spall**	**BAY 8 FAR DIAPHRAGM - SPALL (3IN DIA. X 1/2IN D.) WITH NO EXPOSED REBAR TO BOTTOM FACE**	2	6	6	Square Feet
12	**Delamination/Spall**	**bent 2 end diaphragm, bay 7 at center, underside, spall (6" x 3" x 1/2") with exposed rusted rebar**	2	1	1	Square Feet

12	**Delamination/Spall**	**bent 3 end diaphragm, bay 7 at beam 8, delamination (19" x 8")**	2	2	2	Square Feet
12	**Delamination/Spall**	**underside, right overhang, spalls (up to 6" diameter x 1/2") with exposed rusted rebar, full length of span alogn dripline**	2	33	33	Square Feet
12	**Efflorescence/Rust Staining**	**underside at random, transverse cracks (hairline x up to 6') with efflorescence**	2	30		Square Feet
12	**Delamination/Spall**	**NOT OBSERVED UPON 2022 INSPECTION. 2020: bent 3 end diaphragm, bay 10 at beam 11, spall/delamination (17" x 7" x 1")**	1			Square 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	2,720	2,678	0	42	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	**Crack (Wearing Surface)**	**FULL LENGTH LONGITUDINAL CRACK (1/8IN) THROUGHOUT CENTER OF ROADWAY**	3	42	42	Square Feet

General Comments

Span 3 — Left Bridge Rail

Aluminum Bridge Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	43	0	43	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	**Damage**	**along edge of sidewalk, map cracks (hairline x 1' x full length)**	2	43	43	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	43	0	33	10	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Delamination/Spall**	**rail posts at random, (10) spalls (up to 16" x 2" x 1/2") with exposed rusted rebar**	3	10	10	Feet
333	**Cracking**	**sidewalk and rail at random, map cracks (hairline)**	2	10		Feet
333	**Distortion**	**throughout sidewalk and rail, scale with secure aggregate**	2	23		Feet

General Comments

Structure Number: **110099** Inspection Date: **01/27/2022**

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	43	42	1	0	0	Feet
515	Steel Protective Coating	400	399	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**at bent 3, web, surface rust (1')**	2	1		Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	1	1	Square Feet

General Comments

Span 3 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	42	1	0	0	Feet
515	Steel Protective Coating	400	399	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**at bent 2, bottom flange, rust scale (10")**	2	1		Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale**	4	1	1	Square Feet

General Comments

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	43	6	30	5	2	Feet
515	Steel Protective Coating	400	300	0	0	100	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (UP TO 7/16IN SL, 1/8IN REMAIN) FOR 24IN L. X 5IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 13/16IN REMAIN) TO FULL WIDTH FOR 10FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 3IN H. FOR 5FT L. AT FAR END**	3	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 13/16IN REMAIN) TO FULL WIDTH FOR 3FT AT NEAR END & WEB SCALING (NO MEASURABLE SECTION LOSS)**	3	1	3	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 18IN L. X 12IN H. AT NEAR END DIAPHRAGM**	3	2	2	Feet
107	**Corrosion**	**bottom flange, rust scale (30')**	2	30		Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale and section loss**	4	100	100	Square Feet

General Comments

Span 3 Near Bearing 7

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 Far Bearing 7

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	42	0	1	0	Feet
515	Steel Protective Coating	400	362	30	0	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (UP TO 1/8IN SL, 1/2IN REMAIN) FOR 1IN W. AROUND NEAR END DIAPHRAGM**	3	1	1	Feet
107	**Corrosion**	**BOTTOM FLANGE MODERATE SURFACE CORROSION FOR 1FT AT NEAR END**	2			Feet
107	**Corrosion**	**DUPLICATE COMMENT REMOVED**	1			Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	8	8	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling & minor surface corrosion**	2	30	30	Square Feet

General Comments

Span 3 — Near Bearing 8

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing 8

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 — Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	22	10	7	4	Feet
515	Steel Protective Coating	400	270	100	10	20	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (3/16IN SL, 7/16IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) TO FULL HEIGHT X 2FT L. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 20% SL, 3/16IN SL, 3/4IN REMAIN) TO FULL WIDTH FOR 3FT AT NEAR END**	3	1	3	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 7/8IN REMAIN) TO FULL WIDTH FOR 8FT L. AT FAR END**	3	6	8	Feet
107	**Corrosion**	**surface rust at random**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale and section loss**	4	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	10	10	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling at random**	2	100	100	Square Feet

General Comments

Span 3 — Near Bearing 9

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing 9

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 — Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	25	15	3	0	Feet
515	Steel Protective Coating	400	274	100	20	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/8IN SL, 1/2IN REMAIN) FOR 12IN L. X 1IN H. AT FAR END DIAPHRAGM**	3	1	1	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 1/8IN SL, 1/2IN REMAIN) TO FULL HEIGHT X 24IN L. AT NEAR END DIAPHRAGM**	3	2	2	Feet
107	**Corrosion**	**surface rust at random**	2	15		Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	6	6	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	20	20	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling at random**	2	100	100	Square Feet

General Comments

Span 3 — Near Bearing 10

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing 10

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 — Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	14	7	0	22	Feet
515	Steel Protective Coating	400	300	0	0	100	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 4FT L. AT NEAR END, 6FT AT MIDSPAN, AND LEFT SIDE ONLY FOR 10FT AT FAR END & WEB PITTING (1/8IN PITTING, 7/16IN REMAIN) TO FULL HEIGHT (PAR)**	4	20	20	Feet
107	**Corrosion**	**WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**paint peeling with rust scale at random**	2	7		Feet
107	**Corrosion**	**DUPLICATE COMMENT REMOVED**	1			Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale and section loss**	4	100	100	Square Feet

General Comments

Span 3 — Near Bearing 11

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing 11

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 3 — Bent 2 Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	124	112	0	7	5	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	**Seal Damage**	**UNABLE TO VERIFY DUE TO PACKED ICE & SNOW. 2020 INSPECTION: at right sidewalk, joint material missing/separated (5') with debris and vegetation**	4	5	5	Feet
301	**Seal Adhesion**	**left sidewalk, joint material separated with debris and vegetation**	3	7		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	3,160	3,122	0	37	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	**Delamination/Spall**	**RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 6IN X 3IN) WITH EXPOSED REBAR (PAR)**	4	1	1	Square Feet
12	**Delamination/Spall**	**BAY 7 NEAR DIAPHRAGM - 2X SPALLS (UP TO 40IN X 8IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR)**	3	6	6	Square Feet
12	**Delamination/Spall**	**BAY 8 FAR DIAPHRAGM - SPALL (16IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)**	3	2	2	Square Feet

12	**Delamination/Spall**	**BAY 8 NEAR DIAPHRAGM - SPALL & DELAMINATION (UP TO 48IN X 8IN X 2IN) WITH EXPOSED REBAR THROUGHOUT (PAR)**	3	4	4	Square Feet
12	**Delamination/Spall**	**bent 4 end diaphragm, bay 7, underside, multiple spalls (up to 8" x 6" x 1"); similar bays 8, 9 and 10**	3		10	Square Feet
12	**Delamination/Spall**	**SPALL (25FT X 6IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR)**	3	25	25	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	2,720	2,578	0	142	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	**Crack (Wearing Surface)**	**FULL LENGTH LONGITUDINAL CRACK (1/8IN) THROUGHOUT CENTER OF ROADWAY**	3	42	42	Square Feet
510	**Crack (Wearing Surface)**	**over bent 3, transverse crack (up to 1/4" x 100')**	3	100	100	Square Feet

General Comments

Span 4 — Left Bridge Rail

Aluminum Bridge Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	43	0	43	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	**Damage**	**along edge of sidewalk, map cracks (hairline x 1' x full length)**	2	37		Feet
330	**Damage**	**MINOR IMPACT DAMAGE (6FT L.) WITH MINOR GOUGING TO METAL RAILING AT FAR END**	2	6		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	43	0	39	4	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Delamination/Spall**	**rail posts at random, (4) spalls (up to 16" x 1" x 1/2") with exposed rusted rebar**	3	4	4	Feet
333	**Cracking**	**throughout sidewalk and end post, map cracks (hairline up to 1/32")**	2	39		Feet
333	**Deterioration (Other)**	**throughout sidewalk and rail, scale with secure aggregate**	2			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	43	20	0	21	2	Feet
515	Steel Protective Coating	400	370	0	0	30	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 16IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 22% SL, 3/16IN SL, 11/16IN REMAIN) TO FULL WIDTH FOR 12FT & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 5IN H. FOR 1/2 L. AT FAR END**	3	21	15	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/16IN SL, 1/2IN REMAIN) FOR 20IN L. X 20IN H. AT FAR END DIAPHRAGM**	3		2	Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	30	30	Square Feet

General Comments

Span 4 Near Bearing 7

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 Far Bearing 7

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	41	0	1	1	Feet
515	Steel Protective Coating	400	374	20	0	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 12IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)**	4	1	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/16IN SL, 9/16IN REMAIN) FOR 8IN L. X 3IN H. AT FAR END DIAPHRAGM**	3	1	1	Feet
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	6	6	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	2	20	20	Square Feet

General Comments

Span 4 Near Bearing 8

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 Far Bearing 8

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 — Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	40	0	0	3	Feet
515	Steel Protective Coating	400	360	20	0	20	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 12IN H. AT FAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) FOR 6IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)**	4	1	1	Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale and section loss**	4	20	20	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling & minor surface corrosion**	2	20	20	Square Feet

General Comments

Span 4 — Near Bearing 9

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing 9

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	31	10	2	0	Feet
515	Steel Protective Coating	400	344	40	15	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/8IN SL, 1/2IN REMAIN) FOR 12IN L. X 1IN H. AT NEAR END DIAPHRAGM**	3	1	1	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/8IN SL, 1/2IN REMAIN) FOR 8IN L. X 6IN H. AT FAR END DIAPHRAGM**	3	1	1	Feet
107	**Corrosion**	**paint peeling with surface rust at random**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	15	15	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling at random**	2	40	40	Square Feet

General Comments

Span 4 Near Bearing 10

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 Far Bearing 10

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	43	1	20	5	17	Feet
515	Steel Protective Coating	400	350	20	0	30	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 15FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 5IN H. FOR 15FT L. AT FAR END (PAR)**	4	15	15	Feet
107	**Corrosion**	**WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 13/16IN REMAIN) TO FULL WIDTH FOR 2FT L. AT NEAR END (SIMILAR AT MIDSPAN FOR 5FT L.)**	3	5	7	Feet
107	**Corrosion**	**WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 20IN L. X 20IN H. AT FAR END DIAPHRAGM**	3		2	Feet
107	**Corrosion**	**top and bottom flanges, rust scale (20')**	2	20		Feet
107	**Corrosion**	**COMMENT REMOVED, SECTION LOSS REVISED**	1			Feet
515	**Effectiveness (Steel Protective Coatings)**	**rust scale and section loss**	4	30	30	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling at random**	2	20	20	Square Feet

General Comments

Span 4 Near Bearing 11

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 Far Bearing 11

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 4 — Bent 3 Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	124	115	0	7	2	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	**Seal Damage**	**UNABLE TO VERIFY DUE TO PACKED ICE & SNOW. 2020 INSPECTION: at right sidewalk, joint material missing (2') with debris and vegetation**	4	2	2	Feet
301	**Seal Adhesion**	**left sidewalk, joint material separated with debris and vegetation**	3	7		Feet

General Comments

Span 5 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,160	3,115	34	11	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	**Delamination/Spall**	**BAY 10 NEAR DIAPHRAGM - SPALL (24IN X 8IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 11 (PAR)**	3	2	2	Square Feet
12	**Delamination/Spall**	**BAY 7 NEAR DIAPHRAGM - SPALL (20IN X 20IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR)**	3	2	2	Square Feet
12	**Delamination/Spall**	**BAY 9 NEAR DIAPHRAGM - SPALL (26IN X 12IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)**	3	3	3	Square Feet
12	**Delamination/Spall**	**RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (14IN X 8IN X 2IN) WITH EXPOSED REBAR (PAR)**	3	2	2	Square Feet
12	**Delamination/Spall**	**underside, bay 5, at end bent 2, (3) spalls (7" diameter x 1") with exposed rusted rebar**	3	2	2	Square Feet
12	**Cracking (RC and Other)**	**underside of right overhang at bent 4, transverse crack (1/32" x 3')**	2	3	3	Square Feet
12	**Damage**	**right edge of deck, vegetation (15')**	2	15		Square Feet
12	**Efflorescence/Rust Staining**	**TRANSVERSE HAIRLINE CRACK (8FT L.) WITH MODERATE EFFLORESCENCE IN BAY 5 AT MIDSPAN (SIMILAR BAY 6)**	2	16		Square Feet

General Comments

Span 5 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	2,720	2,468	0	252	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	**Crack (Wearing Surface)**	**at random, transverse cracks (up to 1/8" x 3')**	3	10	10	Square Feet
510	**Crack (Wearing Surface)**	**FULL LENGTH LONGITUDINAL CRACK (1/8IN) THROUGHOUT CENTER OF ROADWAY**	3	42	42	Square Feet
510	**Crack (Wearing Surface)**	**over bent 4, transverse crack (up to 1/4" x 100')**	3	100	100	Square Feet
510	**Crack (Wearing Surface)**	**UP TO 0.25" TRANSVERSE CRACKS IN ASPHALT WEARING SURFACE OVER END BENT 2**	3	100	100	Square Feet

General Comments

Span 5 — Left Bridge Rail

Aluminum Bridge Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	43	0	43	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	**Damage**	**along edge of sidewalk, map cracks (hairline x 1' x full length), similar at concrete end post**	2	43	43	Feet

General Comments

Span 5 — 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	4	26	3	10	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Distortion**	**HEAVY IMPACT DAMAGE (FULL HEIGHT X 10FT L.) WITH BROKEN/SPALLED CONCRETE & EXPOSED REBAR STARTING 5FT FROM NEAR END (PAR)**	4	10	10	Feet
333	**Delamination/Spall**	**at end bent 2, corner of sidewalk, spall (16" x 5" x 1.5")**	3	2	2	Feet
333	**Delamination/Spall**	**at end bent 2, rail post, spall (12" x 5" x 1") with exposed rusted rebar**	3	1	1	Feet
333	**Cracking**	**at midspan, sidewalk, transverse crack (1/32" x 3')**	2	1		Feet
333	**Damage**	**along top of sidewalk, vegetation (1' wide x 20')**	2			Feet
333	**Delamination/Spall**	**rail post at random, (3) spalls (up to 5" x 2" x 1/2") with exposed rusted rebar**	2	3	3	Feet
333	**Deterioration (Other)**	**throughout sidewalk and rail, scale with secure aggregate**	2	22		Feet

General Comments

Span 5 — Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	42	38	0	0	4	Feet
515	Steel Protective Coating	390	378	0	0	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 4FT L. AT NEAR END (PAR)**	4	4	4	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) FOR 18IN L. X 25IN H. AT NEAR END DIAPHRAGM (PAR)**	4		2	Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	12	12	Square Feet

General Comments

Span 5 Near Bearing 7

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 5 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	42	41	0	1	0	Feet
515	Steel Protective Coating	390	389	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/16IN SL, 9/16IN REMAIN) FOR 8IN L. X 3IN H. AT NEAR END DIAPHRAGM**	3	1	1	Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	1	1	Square Feet

General Comments

Span 5 Near Bearing 8

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 5 Far Bearing 8

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**rust scale**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**PC BEGINNING TO FAIL DUE TO MODERATE CORROSION THROUGHOUT**	4	1	1	Square Feet

General Comments

Span 5 Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	42	39	0	1	2	Feet
515	Steel Protective Coating	390	380	0	0	10	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (5/16IN SL, 5/16IN REMAIN) FOR 16IN L. X 9IN H. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 13% SL, 1/8IN SL, 13/16IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/16IN SL, 9/16IN REMAIN) TO BOTTOM FOR 4IN H. X 3FT L. AT NEAR END**	3	1	3	Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	10	10	Square Feet

General Comments

Span 5 Near Bearing 9

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 5 Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	42	40	0	0	2	Feet
515	Steel Protective Coating	390	367	15	0	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR)**	4	2	2	Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 7/8IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/16IN SL, 9/16IN REMAIN) X 3IN H. FOR 2FT L. AT NEAR END**	3		2	Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	8	8	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling at random**	2	15	15	Square Feet

General Comments

Span 5 Near Bearing 10

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 5 Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	42	40	0	0	2	Feet
515	Steel Protective Coating	390	340	40	0	10	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) TO BOTTOM X 2IN H. FOR 2FT L. AT NEAR END (PAR)**	4	2	2	Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 1/2IN SL, 5/16IN REMAIN) FOR 20IN L. X 20IN H. AT NEAR END DIAPHRAGM (PAR)**	4		2	Feet
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	10	10	Square Feet
515	**Peeling/Bubbling/Cracking (steel Protective Coatings)**	**paint peeling at random**	2	40	40	Square Feet

General Comments

Span 5 Near Bearing 11

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**HEAVY SCALING THROUGHOUT**	3	1	1	Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED DUE TO HEAVY SCALING**	4	1	1	Square Feet

General Comments

Span 5 — Far Bearing 11

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**rust scale**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**PC BEGINNING TO FAIL DUE TO MODERATE CORROSION THROUGHOUT**	3	1	1	Square Feet

General Comments

Span 5 — Bent 4 Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	124	92	0	27	5	Feet

Element Number	Defect Type	Defect Description		CS	CS Qty	Maint Qty	
301	**Seal Damage**	**UNABLE TO VERIFY DUE TO PACKED ICE & SNOW. INSPECTION: at right sidewalk, joint material missing**	**2020**	4	5	5	Feet
301	**Leakage**	**at random, active dripping**		3	20	20	Feet
301	**Seal Adhesion**	**left sidewalk, joint material separated with debris and vegetation**		3	7		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	111	76	0	35	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**DELAMINATION (35FT L. X UP TO 24IN H.) TO FAR FACE AT TOP BELOW BAYS 7-11 (PAR)**	3	22	35	Feet
234	**Cracking (RC and Other)**	**span 1 face, below beam 7, longitudinal crack (1/16" x 3')**	3		3	Feet
234	**Delamination/Spall**	**DELAMINATION (9FT L. X 10IN H.) TO NEAR FACE AT TOP CORNER BELOW BAY 10**	3	9	9	Feet
234	**Delamination/Spall**	**SPALL (24IN X 16IN X 1IN) WITH EXPOSED REBAR TO FAR FACE BELOW BEAM 8**	3		2	Feet
234	**Delamination/Spall**	**SPALL (36IN X 12IN X 2IN) WITH EXPOSED REBAR TO FAR FACE BELOW BEAM 9 (PAR)**	3		3	Feet
234	**Delamination/Spall**	**SPALL (48IN X 12IN X 5IN) WITH EXPOSED REBAR TO NEAR BOTTOM CORNER BELOW BAY 9 (PAR)**	3	4	4	Feet
234	**Cracking (RC and Other)**	**DUPLICATE COMMENT REMOVED**	1			Feet

General Comments

Bent 1 Pile 10

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**vertical cracks (1/16" x 2')**	3	1		Each

General Comments

Bent 1 Pile 11

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**VERTICAL 1/4IN CRACKING & DELAMINATION (UP TO FULL WIDTH X 3FT H.) AT FAR FACE**	3	1		Each

General Comments

Bent 1 Pile 12

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**VERTICAL 1/4IN CRACKING & DELAMINATION (UP TO FULL WIDTH X 3FT H.) THROUGHOUT FAR FACE**	3	1		Each

General Comments

Bent 1 Pile 13

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**VERTICAL 1/4IN CRACKING & DELAMINATION (UP TO FULL WIDTH X 3FT H.) THROUGHOUT FAR FACE**	3	1		Each

General Comments

Bent 1 Pile 14

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

225	**Damage**	**vertical cracks (up to 1/8" x 2')**	3	1		Each

General Comments

Bent 1 — Pile 15

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**vertical cracks (up to 1/32" x 2')**	2	1		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	130	125	4	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	**Delamination/Spall**	**bay 9 at beam 10, bottom flange, spall (8" x 2" x 1"), similar bay 8 and bay 7**	3	1	1	Feet
215	**Cracking (RC and Other)**	**right overhang at utility penetration, map cracks (hairline) with efflorescence**	2	3		Feet
215	**Delamination/Spall**	**right side of beam 11, bottom flange spall (5" x 3" x 1/2")**	2	1	1	Feet

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	111	101	4	6	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Delamination/Spall**	**DELAMINATION (24IN X 10IN) TO FACE BELOW BEAM 11**	3	2	2	Feet
234	**Delamination/Spall**	**face of cap, below beam 7, spall/delamination (3.5' x 1.5' x 1")**	3	4	4	Feet
234	**Cracking (RC and Other)**	**at random, vertical cracks (1/32" x 6")**	2	4		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	111	108	0	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**span 2 face, below bay 9, longitudinal crack (1/16" x 16")**	3		2	Feet
234	**Cracking (RC and Other)**	**span 3 face, below bay 10, top corner, longitudinal crack (1/16" x 6')**	3		6	Feet

234	**Cracking (RC and Other)**	**span 3 face, below beam 8, bottom corner, delamination (3.5' x 6") with cracks (up to 1/16")**	3		4	Feet
234	**Delamination/Spall**	**18" X 18" CORNER DELAMINATION ADJACENT TO TEMPORARY REPAIR UNDER BEAM 8**	3			Feet
234	**Delamination/Spall**	**DELAMINATION (24IN X 8IN X 8IN) WITH MINOR RUST STAINING TO BOTTOM & FAR FACE OF CAP BETWEEN PILES 7 & 8 (PAR)**	3	2	2	Feet
234	**Delamination/Spall**	**span 3 face, below beam 1 spall (12" diameter x 2") with exposed rusted rebar**	3	1	1	Feet
234	**Patched Area**	**below beam 11, steel repair plates (52" long), with rust scale**	3		5	Feet
234	**Patched Area**	**span 2 face, below beam 10, steel repair plates (6.5' long), with rust scale**	3		7	Feet
234	**Patched Area**	**span 2 face, below beam 9, steel repair plates (6' long), with rust scale**	3		6	Feet
234	**Cracking (RC and Other)**	**span 2 face, below bay 10, longitudinal crack (1/32" x 4.5')**	2			Feet
234	**Cracking (RC and Other)**	**span 2 face, below bay 8, longitudinal crack (1/32" x 4.5') (similar span 3 face)**	2			Feet
234	**Cracking (RC and Other)**	**span 3 face, below bay 7, top corner, longitudinal crack (1/32" x 5')**	2			Feet
234	**Damage**	**sand and debris on cap (1/2")**	2		99	Feet
234	**Cracking (RC and Other)**	**COMMENTS CONSOLIDATED**	1			Feet
234	**Patched Area**	**NO SPALLING OR CONCRETE CRUSHING OBSERVED AT REPAIR PLATE BELOW BEAM 8, COMMENT REMOVED**	1			Feet
234	**Patched Area**	**NOT OBSERVED 01/24/22: 2020 INSPECTION: span 2 face, below bay 7, failed previous repair (approximately 4' x 1.5' x 5") with rust stains and cracks (1/16"); behind bearing, spall (1' x 10" x 5") undermining bearing (3")**	1			Feet

General Comments

TIMBER CRIBBING REMAINS THROUGHOUT TOP OF CAP IN BAYS 7 & 8

Bent 2 Pile 1

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	92	30	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**north face, freckled rust (full height)**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	30	30	Square Feet

General Comments

Bent 2 Pile 2

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 2 Pile 3

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 2 Pile 4

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 2 Pile 5

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 2 Pile 6

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 2 Pile 7

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**concrete collar, vertical crack (1/16" x 12")**	3			Each
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 2 Pile 8

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	111	10	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random, with surface rust at base**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 2 Pile 9

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	122	17	0	15	90	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**NEAR FLANGE SECTION LOSS (3/16IN SL, 1/4IN REMAIN) AT TOP, 2IN H. X FULL WIDTH (SIMILAR AT FAR FLANGE) (PAR)**	4	1	1	Each
225	**Corrosion**	**surface rust and scale (full height)**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**scale and corrosion with section loss**	4	90	90	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	15	15	Square Feet

General Comments

Bent 2 Pile 10

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	122	81	0	40	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**NEAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP (FAR FLANGE SIMILAR) (PAR)**	4	1	1	Each
225	**Damage**	**concrete collar, delamination (21" x 8") with cracks (1/8")**	3			Each
225	**Corrosion**	**surface rust at random**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED IN AREAS OF SECTION LOSS**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	40	40	Square Feet

General Comments

Bent 2 Pile 11

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	122	101	0	20	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**NEAR FLANGE SECTION LOSS (1/16IN SL, 3/8IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP**	3	1	1	Each
225	**Damage**	**concrete collar, delamination (21" x 8") with cracks (1/8")**	3			Each
225	**Corrosion**	**surface rust at random**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED IN AREAS OF SECTION LOSS**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	20	20	Square Feet

General Comments

Bent 2 Pile 12

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	122	100	0	20	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**NEAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 1FT H. AT BOTTOM (PAR)**	4	1	1	Each
225	**Corrosion**	**NEAR FLANGE SECTION LOSS (1/16IN SL, 3/8IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP**	3		1	Each
225	**Damage**	**concrete collar, spall/delamination (4" x 2.5" x 1")**	3			Each
225	**Corrosion**	**surface rust at random**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED IN AREAS OF SECTION LOSS**	4	2	2	Square Feet

515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	20	20	Square Feet

General Comments

Bent 2 Pile 13

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	122	101	0	20	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**NEAR FLANGE SECTION LOSS (1/16IN SL, 3/8IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP**	3	1	1	Each
225	**Damage**	**concrete collar, delamination/spall (21" x 12" x up to 1") with cracks (1/4")**	3			Each
225	**Corrosion**	**surface rust at random**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED IN AREAS OF SECTION LOSS**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	20	20	Square Feet

General Comments

Bent 2 Pile 14

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	122	101	0	20	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**NEAR FLANGE SECTION LOSS (1/16IN SL, 3/8IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP & NEAR FLANGE PITTING (UP TO 1/8IN PITTING, 5/16IN REMAIN) FOR 5IN W. X 3IN H. AT BOTTOM**	3	1	2	Each
225	**Damage**	**concrete collar, vertical cracks (1/8" x 5")**	3			Each
225	**Corrosion**	**surface rust at random**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED IN AREAS OF SECTION LOSS**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	20	20	Square Feet

General Comments

Bent 2 Pile 15

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	122	27	0	60	35	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**NEAR & FAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH, 4IN H. AT NEAR FLANGE, 4FT H. AT FAR FLANGE UNDER REAIR (PAR)**	4	1	4	Each

225	**Corrosion**	**surface rust (full height)**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	30	30	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**PC FAILED IN AREAS OF SECTION LOSS**	4	5	5	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**cross bracing, piles 9-15, surface rust**	3		60	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	60	60	Square 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	130	95	27	8	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	**Delamination/Spall**	**bay 6, at beam 7 bottom flange, spall (12" x 3" x 1")**	3	1	1	Feet
215	**Efflorescence/Rust Staining**	**bay 6, horizontal cracks (1/32" x 7') with efflorescence buildup**	3	7	7	Feet
215	**Cracking (RC and Other)**	**bay 1, multiple vertical and diagonal cracks (1/32" x 3'), similar bay 2, bay 5**	2	18		Feet
215	**Cracking (RC and Other)**	**left end, (3) diagonal cracks (1/32" x 5') with map cracks (hairline)**	2	9		Feet

General Comments

End Bent 2 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	111	95	15	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**VERTICAL CRACK (1/16IN X FULL HEIGHT) TO FACE BELOW BAY 5**	3	1	1	Feet
234	**Efflorescence/Rust Staining**	**at random, vertical cracks (hairline x up to 2') with efflorescence**	2	15		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	111	90	7	14	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Delamination/Spall**	**DELAMINATION (20FT L. X 8IN H.) TO FAR FACE BELOW BAYS 8 & 9**	3		20	Feet
234	**Delamination/Spall**	**DELAMINATION (5FT X 1.5FT) TO NEAR FACE BELOW BEAM 7 & BAY7**	3		5	Feet
234	**Delamination/Spall**	**LOOSE DELAMINATION (4.5FT X 2FT) TO NEAR FACE BELOW BAY 8 (PAR)**	3	4	4	Feet
234	**Delamination/Spall**	**SPALL & DELAMINATION (9FT L. X 18IN H. X UP TO 6IN D.) WITH EXPOSED REBAR TO FAR FACE & TOP BELOW BAY 7 (PAR)**	3	9	9	Feet

234	**Efflorescence/Rust Staining**	**right end, underside, longitudinal crack (1/32" x 12") with efflorescence buildup**	3	1	1	Feet
234	**Cracking (RC and Other)**	**span 3 face, below bay 10, longitudinal crack (1/32" x 55") extends across cap**	2	5		Feet
234	**Cracking (RC and Other)**	**span 3 face, below beam 11, (2) vertical cracks (1/32" x 16") with efflorescence**	2	1		Feet
234	**Cracking (RC and Other)**	**top of cap, bay 8, longitudinal crack (1/32" x 4')**	2			Feet
234	**Delamination/Spall**	**span 3 face, at construction joint below bay 6, spall (6" x 1" x 3/4")**	2	1	1	Feet

General Comments

Bent 3 Pile 1

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	102	20	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust (full height)**	2	1		Each
225	**Damage**	**concrete collar, vertical crack (1/32" x 7")**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	20	20	Square Feet

General Comments

Bent 3 Pile 2

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
225	**Damage**	**concrete collar, vertical crack (1/32" x 10")**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 3

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
225	**Damage**	**concrete collar, vertical crack (1/32" x 10")**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 4

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
225	**Damage**	**concrete collar, vertical crack (1/32" x 10")**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 5

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 6

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
225	**Damage**	**concrete collar, vertical crack (1/32" x 10")**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 7

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 8

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 9

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 10

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	112	10	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	10	10	Square Feet

General Comments

Bent 3 Pile 11

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	115	0	7	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**north face, surface rust (7')**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	7	7	Square Feet

General Comments

Bent 3 Pile 12

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	82	0	40	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**concrete collar, spall/delamination (9" x 10" x 5.5")**	3			Each
225	**Corrosion**	**surface rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	40	40	Square Feet

General Comments

Bent 3 Pile 13

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	107	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**concrete collar, vertical crack (1/4" x 9")**	3			Each
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	15	15	Square Feet

General Comments

Bent 3 Pile 14

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	92	0	30	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**concrete collar, (2) delaminations (2' x 13") with vertical cracks (up to 3/16")**	3			Each
225	**Corrosion**	**freckled rust/surface rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust/surface rust**	3	30	30	Square Feet

General Comments

Bent 3 Pile 15

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	107	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**concrete collar, (2) delaminations (2' x 13") with vertical cracks (up to 1/8")**	3			Each
225	**Corrosion**	**freckled rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**freckled rust**	2	15	15	Square Feet

General Comments

Bent 3 Pile 16

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	122	102	0	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**concrete collar, (2) delaminations (2' x 13") with vertical cracks (up to 3/16")**	3			Each
225	**Corrosion**	**freckled rust/surface rust at random**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**surface rust/freckled rust**	3	20	20	Square Feet

General Comments

Bent 3 Pile 17

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	122	74	0	40	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**FAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 4IN H. AT TOP (NEAR FLANGE SIMILAR) (PAR)**	4		1	Each
225	**Corrosion**	**NEAR FLANGE SECTION LOSS (UP TO 1/8IN SL, 5/16IN REMAIN) FOR 6IN W. X 6IN H. AT BOTTOM (FAR FLANGE SIMILAR, 1/16IN PITTING)**	4	1	1	Each
225	**Corrosion**	**cross bracing, piles 11-17, surface rust**	2			Each
225	**Corrosion**	**surface rust at random**	2			Each
225	**Damage**	**concrete collar, vertical cracks (up to 1/32" x 10")**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**corrosion with section loss**	4	8	8	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**cross bracing, piles 11-17, surface rust**	3		60	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**surface rust**	3	40	40	Square Feet

General Comments

Bent 4 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	111	51	2	58	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**HORIZONTAL 1/8IN CRACKING & DELAM (UP TO 8IN H.) FOR 25FT BELOW BAYS 7-9**	3	25	25	Feet
234	**Cracking (RC and Other)**	**VERTICAL HAIRLINE TO 1/32IN CRACKING (FULL HEIGHT) TO NEAR FACE BELOW BAY 6 (SIMILAR FAR FACE)**	3	1	1	Feet
234	**Delamination/Spall**	**DELAMINATION (FULL HEIGHT) & 2X SPALLS (UP TO 48IN X 16IN X 3IN) WITH EXPOSED REBAR TO FAR FACE BELOW BAYS 8-10 (25FT TOTAL) (PAR)**	3	25	25	Feet
234	**Delamination/Spall**	**span 5 face, bay 7, delamination/spall (7' x 20" x 1") with longitudinal crack (1/8"); similar span 4 face**	3	7	14	Feet
234	**Cracking (RC and Other)**	**left end, map cracks (hairline x 2' x full height)**	2	2		Feet

General Comments

Bent 4 Pile 14

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Damage**	**SPALL & DELAMINATION (FULL WIDTH X 2FT X UP TO 1IN) TO FAR FACE AT TOP**	3	1		Each

General Comments

Bent 4 Pile 15

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	Damage	DELAMINATION (3FT H. X FULL WIDTH) TO FAR FACE	3	1		Each

General Comments

Bent 4 Pile 17

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	Damage	DELAMINATION (3FT H. X FULL WIDTH) TO FAR FACE	3	1		Each

General Comments

Bent 4 Pile 16

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	Damage	DELAMINATION (3FT H. X FULL WIDTH) TO FAR FACE	3	1		Each

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2416
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 11	Plate Girder	Steel Open Girder/Beam	32
Span 1	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	33
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	33
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2080
Span 1	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing 5	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 5	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 6	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 6	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing 7	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 7	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 8	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 8	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing 9	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 9	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 10	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 10	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 11	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 11	Movable Bearing	Movable Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2416
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	33

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 11	Plate Girder	Steel Open Girder/Beam	33
Span 2	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	33
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	33
Span 2	Bent 1 Joint	Standard Joint	Pourable Joint Seal	124
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2080
Span 2	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 5	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 5	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing 6	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 6	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 7	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 7	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing 8	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 8	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 9	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 9	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing 10	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing 10	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 11	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing 11	Movable Bearing	Movable Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3160
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	43
Span 3	Beam 11	Plate Girder	Steel Open Girder/Beam	43
Span 3	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	43
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 3	Bent 2 Joint	Standard Joint	Pourable Joint Seal	124

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2720
Span 3	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing 5	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 5	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing 6	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 6	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing 7	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 7	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing 8	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 8	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing 9	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 9	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing 10	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing 10	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing 11	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing 11	Movable Bearing	Movable Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3160
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 8	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 9	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 10	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 11	Plate Girder	Steel Open Girder/Beam	43
Span 4	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	43
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 4	Bent 3 Joint	Standard Joint	Pourable Joint Seal	124
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2720
Span 4	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 3	Movable Bearing	Movable Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 4	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing 5	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 5	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 6	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 6	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing 7	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 7	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 8	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 8	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing 9	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 9	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 10	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing 10	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing 11	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing 11	Movable Bearing	Movable Bearing	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3160
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 5	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 6	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 7	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 8	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 9	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 10	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 11	Plate Girder	Steel Open Girder/Beam	42
Span 5	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	43
Span 5	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 5	Bent 4 Joint	Standard Joint	Pourable Joint Seal	124
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2720
Span 5	Near Bearing 1	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 2	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 3	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 4	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 5	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 5	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 6	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 6	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 7	Fixed Bearing	Fixed Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 5	Near Bearing 7	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 8	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 8	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 9	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 9	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 10	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 10	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 11	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 11	Fixed Bearing	Fixed Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
Bent 1	Pile 1	Steel Pile	Steel Pile	1
Bent 1	Pile 2	Steel Pile	Steel Pile	1
Bent 1	Pile 3	Steel Pile	Steel Pile	1
Bent 1	Pile 4	Steel Pile	Steel Pile	1
Bent 1	Pile 5	Steel Pile	Steel Pile	1
Bent 1	Pile 6	Steel Pile	Steel Pile	1
Bent 1	Pile 7	Steel Pile	Steel Pile	1
Bent 1	Pile 8	Steel Pile	Steel Pile	1
Bent 1	Pile 9	Steel Pile	Steel Pile	1
Bent 1	Pile 10	Steel Pile	Steel Pile	1
Bent 1	Pile 11	Steel Pile	Steel Pile	1
Bent 1	Pile 12	Steel Pile	Steel Pile	1
Bent 1	Pile 13	Steel Pile	Steel Pile	1
Bent 1	Pile 14	Steel Pile	Steel Pile	1
Bent 1	Pile 15	Steel Pile	Steel Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	130
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
Bent 2	Pile 1	Steel Pile	Steel Pile	1
Bent 2	Pile 2	Steel Pile	Steel Pile	1
Bent 2	Pile 3	Steel Pile	Steel Pile	1
Bent 2	Pile 4	Steel Pile	Steel Pile	1
Bent 2	Pile 5	Steel Pile	Steel Pile	1
Bent 2	Pile 6	Steel Pile	Steel Pile	1
Bent 2	Pile 7	Steel Pile	Steel Pile	1
Bent 2	Pile 8	Steel Pile	Steel Pile	1
Bent 2	Pile 9	Steel Pile	Steel Pile	1
Bent 2	Pile 10	Steel Pile	Steel Pile	1
Bent 2	Pile 11	Steel Pile	Steel Pile	1
Bent 2	Pile 12	Steel Pile	Steel Pile	1
Bent 2	Pile 13	Steel Pile	Steel Pile	1
Bent 2	Pile 14	Steel Pile	Steel Pile	1
Bent 2	Pile 15	Steel Pile	Steel Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	130

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
Bent 3	Pile 1	Steel Pile	Steel Pile	1
Bent 3	Pile 2	Steel Pile	Steel Pile	1
Bent 3	Pile 3	Steel Pile	Steel Pile	1
Bent 3	Pile 4	Steel Pile	Steel Pile	1
Bent 3	Pile 5	Steel Pile	Steel Pile	1
Bent 3	Pile 6	Steel Pile	Steel Pile	1
Bent 3	Pile 7	Steel Pile	Steel Pile	1
Bent 3	Pile 8	Steel Pile	Steel Pile	1
Bent 3	Pile 9	Steel Pile	Steel Pile	1
Bent 3	Pile 10	Steel Pile	Steel Pile	1
Bent 3	Pile 11	Steel Pile	Steel Pile	1
Bent 3	Pile 12	Steel Pile	Steel Pile	1
Bent 3	Pile 13	Steel Pile	Steel Pile	1
Bent 3	Pile 14	Steel Pile	Steel Pile	1
Bent 3	Pile 15	Steel Pile	Steel Pile	1
Bent 3	Pile 16	Steel Pile	Steel Pile	1
Bent 3	Pile 17	Steel Pile	Steel Pile	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
Bent 4	Pile 1	Steel Pile	Steel Pile	1
Bent 4	Pile 2	Steel Pile	Steel Pile	1
Bent 4	Pile 3	Steel Pile	Steel Pile	1
Bent 4	Pile 4	Steel Pile	Steel Pile	1
Bent 4	Pile 5	Steel Pile	Steel Pile	1
Bent 4	Pile 6	Steel Pile	Steel Pile	1
Bent 4	Pile 7	Steel Pile	Steel Pile	1
Bent 4	Pile 8	Steel Pile	Steel Pile	1
Bent 4	Pile 9	Steel Pile	Steel Pile	1
Bent 4	Pile 10	Steel Pile	Steel Pile	1
Bent 4	Pile 11	Steel Pile	Steel Pile	1
Bent 4	Pile 12	Steel Pile	Steel Pile	1
Bent 4	Pile 13	Steel Pile	Steel Pile	1
Bent 4	Pile 14	Steel Pile	Steel Pile	1
Bent 4	Pile 15	Steel Pile	Steel Pile	1
Bent 4	Pile 16	Steel Pile	Steel Pile	1
Bent 4	Pile 17	Steel Pile	Steel Pile	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 110099 **Inspection Date:** 01/27/2022

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	**5**
Item 59: Superstructure	0 - 9 , N	**4**
Item 60: Substructure	0 - 9 , N	**5**
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**	**14312**	**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		**0**	**3352**
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	**F**	**2**	**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	**G**		
Superstructure Paint Code		**A**		

Note: If NC SMU Insepction 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	**14**
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: 110099 **Inspection Date:** 01/27/2022

Item	Superstructure - Item 59	**Grade**	4	**Maint Code**		**Qty.**	0
Details	HEAVY SECTION LOSS (>25%) THROUGHOUT BEAM ENDS OF BEAMS 7-11.						
Item	Priority Maintenance Issued	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	BEAM SECTION LOSS, MISSING ANCHOR NUT, DIAPHRAGM SPALLING, DECK SPALLING, RAIL DAMAGE, GUARDRAIL ATTACHMENT CONNECTION, CAP SPALLING, PILE SECTION LOSS, UTILITY CONNECTION SECTION LOSS						
Item	Ladder Used	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	40FT LADDER						
Item	Deck Debris	**Grade**	F	**Maint Code**	3376	**Qty.**	14312
Details	SNOW/ICE PACKED THROUGHOUT RIGHT SIDE RAIL CURB & LEFT SIDEWALK						
Item	Utilities	**Grade**	P	**Maint Code**		**Qty.**	0
Details	SPAN 1 RIGHT OVERHANG UTILITY - BRACKET SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) AT CONNECTION TO BEAM 11 BOTTOM FLANGE AT FAR END (PAR) SPAN 1 RIGHT OVERHANG UTILITY - SECTION LOSS (1/4IN SL, 5/8IN REMAIN) TO BOTH HANGERS AT FAR END (PAR)						
Item	Wingwalls	**Grade**	F	**Maint Code**	3350	**Qty.**	2
Details	FAR LEFT WINGWALL - SPALL (6IN X 4IN X 1IN) WITH NO EXPOSED REBAR TO TOP CORNER AT LEFT SIDE (FAR RIGHT WINGWALL SIMILAR, AT RIGHT SIDE TOP)						
Item	General Comments and Misc Items	**Grade**	P	**Maint Code**		**Qty.**	0
Details	NEAR LEFT GUARDRAIL ATTACHMENT - NO ANCHOR BOLTS PRESENT (PAR) NEAR RIGHT GUARDRAIL END TREATMENT - MODERATE IMPACT DAMAGE FAR LEFT GUARDRAIL - MODERATE IMPACT DAMAGE (20FT L. X 1FT DISTORTION) STARTING 60FT FROM BRIDGE HEAVY DEBRIS & VAGRANT QUARTERS THROUGHOUT SPAN 1 & SPAN 5 OF BRIDGE						

NEAR LEFT GUARDRAIL ATTACHMENT - NO ANCHOR BOLTS PRESENT (PAR PHOTO)

SPAN 1 AWS - FULL WIDTH TRANSVERSE CRACKING (UP TO 1/2IN) OVER END BENT 1 (SIMILAR OVER END BENT 2)

NEAR RIGHT GUARDRAIL END TREATMENT - MODERATE IMPACT DAMAGE

GUARDRAIL POST SPACING / TRANSITION AT NEAR RIGHT

TYP. FULL LENGTH LONGITUDINAL CRACK (1/8IN) THROUGHOUT SPANS AT CENTER OF ROADWAY, SPAN 1

FAR LEFT GUARDRAIL - MODERATE IMPACT DAMAGE (20FT L. X 1FT DISTORTION) STARTING 60FT FROM BRIDGE

SPAN 5 RIGHT RAIL - SPALL (12IN X 5IN X 1IN) WITH EXPOSED REBAR TO NEAR SIDE OF FAR VERTICAL POST

TYP. MINOR SPALLING (UP TO 6IN X 3IN X 1IN) WITH EXPOSED REBAR THROUGHOUT VERTICAL POSTS AT RIGHT RAIL, SPAN 5

SPAN 5 RIGHT RAIL - HEAVY IMPACT DAMAGE (FULL HEIGHT X 10FT L.) WITH BROKEN/SPALLED CONCRETE & EXPOSED REBAR STARTING 5FT FROM NEAR END (PAR PHOTO 1/2)

SPAN 5 RIGHT RAIL - HEAVY IMPACT DAMAGE (FULL HEIGHT X 10FT L.) WITH BROKEN/SPALLED CONCRETE & EXPOSED REBAR STARTING 5FT FROM NEAR END (PAR PHOTO 2/2)

SPAN 5 DECK - SNOW/ICE PACKED THROUGHOUT RIGHT SIDE RAIL CURB

TYP. MINOR WEATHERING WITH EXPOSED COARSE AGGREGATE THROUGHOUT RAILS, SPAN 2 RIGHT RAIL

SPAN 1 RIGHT RAIL - HEAVY IMPACT DAMAGE (2FTL. X FULL HEIGHT) WITH BROKEN CONCRETE AND LEANING RAIL AT MIDSPAN (PAR PHOTO)

SPAN 2 AWS - FULL WIDTH TRANSVERSE CRACK (UP TO 1/4IN) OVER BENT 2 (SIMILAR OVER ALL INTERIOR BENTS)

TYP. INTERMITTENT 1/32IN VERTICAL CRACKING THROUGHOUT RAILS, SPAN 1 RIGHT RAIL

TYP. HAIRLINE MAP CRACKING THROUGHOUT LEFT SIDE SIDEWALK, SPAN 1

SPAN 4 LEFT RAIL - MINOR IMPACT DAMAGE (6FT L.) WITH MINOR GOUGING TO METAL RAILING AT FAR END

SPAN 5 LEFT RAIL - HAIRLINE MAP CRACKING (5 SQ. FT.) THROUGHOUT CONCRETE END POST

TYP. MODERATE VEGETATION GROWING AT JOINTS ON SIDEWALKS, JOINT OVER BENT 2

HEAVY DEBRIS & VAGRANT QUARTERS THROUGHOUT SPAN 1 OF BRIDGE, UNABLE TO OBTAIN FULL END BENT 1 PHOTO (PHOTO 1/2)

HEAVY DEBRIS & VAGRANT QUARTERS THROUGHOUT SPAN 1 OF BRIDGE, UNABLE TO OBTAIN FULL END BENT 1 PHOTO (PHOTO 2/2)

TYP. MINOR SPALLING (UP TO 6IN DIA. X 1IN D.) WITH EXPOSED REBAR THROUGHOUT RIGHT SIDE DRIP LINE, SPAN 1 RIGHT OVERHANG

SPAN 1 DECK - SPALL & DELAMINATION (12FT L. X 1FT W. X 4IN D.) WITH EXPOSED REBAR RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR PHOTO)

END BENT 1 ABUTMENT - HAIRLINE MAP CRACKING (4 SQ. FT.) THROUGHOUT RIGHT SIDE UTILITY OPENING PATCH

END BENT 1 CAP - DELAMINATION (24IN X 10IN) TO FACE BELOW BEAM 11

TYP. INTERMITTENT SPALLING (UP TO 8IN X 2IN X 1IN) WITH NO EXPOSED REBAR TO BACKWALL AT BOTTOM FLANGE ENDS, RIGHT OF BEAM 11

TYP. INTERMITTENT VERTICAL HAIRLINE CRACKING (UP TO FULL HEIGHT) THROUGHOUT END BENT 1 CAP, BELOW BAY 10

SPAN 1 BEAM 11 - WEB SECTION LOSS (3/16IN PITTING, 5/16IN REMAIN) TO RIGHT SIDE, 6IN X 6IN AT BOTH SIDES OF UTILITY BRACKET CONNECTION, 6FT FROM FAR END (PAR PHOTO)

END BENT 1 CAP - SPALL & DELAMINATION (3.5FT X 1.5FT X 1IN) WITH NO EXPOSED REBAR TO FACE BELOW BAY 7

TYP. MINOR SURFACE CORROSION TO BEARINGS AT END BENT 1, BEAM 7 (BEAM 8-10 SIMILAR)

SPAN 1 BEAM 7 - WEB SECTION LOSS (1/16IN SL, 7/16IN REMAIN) TO RIGHT SIDE, 3IN X 3IN AT NEAR END BOTTOM

SPAN 1 BEAM 8 - WEB SECTION LOSS (1/16IN SL, 7/16IN REMAIN) TO RIGHT SIDE, 6IN X 6IN AT NEAR END BOTTOM

SPAN 1 BEAM 11 NEAR BEARING - HEAVY SCALING THROUGHOUT

SPAN 1 BEAM 11 - BOTTOM FLANGE SECTION LOSS (13% SL, 3/16IN SL, 9/16IN REMAIN) TO RIGHT SIDE, 3IN W. FOR 6IN L. AT NEAR END BEHIND BEARING

SPAN 1 RIGHT OVERHANG UTILITY - BRACKET SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) AT CONNECTION TO BEAM 11 BOTTOM FLANGE AT FAR END (PAR PHOTO)

SPAN 1 BAY 9 FAR DIAPHRAGM - SPALL (12IN X 6IN 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR PHOTO)

SPAN 1 BAY 8 FAR DIAPHRAGM - SPALL (30IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR PHOTO)

SPAN 1 BAY 8 FAR DIAPHRAGM - SPALL (24IN X 8IN X 4IN) WITH EXPOSED REBAR AT MIDDLE (PAR PHOTO)

SPAN 1 BAY 7 FAR DIAPHRAGM - SPALL (18IN X 16IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR PHOTO)

BENT 1 CAP - DELAMINATION (9FT L. X 10IN H.) TO NEAR FACE AT TOP CORNER BELOW BAY 10

BENT 1 CAP - SPALL (48IN X 12IN X 5IN) WITH EXPOSED REBAR TO NEAR BOTTOM CORNER BELOW BAY 9 (PAR PHOTO)

BENT 1 CAP - DELAMINATION (35FT L. X UP TO 24IN H.) TO FAR FACE AT TOP BELOW BAYS 7-11 (PAR PHOTO)

BENT 1 CAP - SPALL (36IN X 12IN X 2IN) WITH EXPOSED REBAR TO FAR FACE BELOW BEAM 9 (PAR PHOTO)

BENT 1 CAP - SPALL (24IN X 16IN X 1IN) WITH EXPOSED REBAR TO FAR FACE BELOW BEAM 8

SPAN 2 BAY 7 NEAR DIAPHRAGM - FAILED REPAIR WITH SPALLING (UP TO 30IN X 12IN X 6IN) WITH EXPOSED REBAR THROUGHOUT (PAR PHOTO)

SPAN 2 BAY 9 NEAR DIAPHRAGM - SPALL (40IN X 12IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR PHOTO)

SPAN 2 BAY 10 NEAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR PHOTO)

SPAN 2 BAY 10 NEAR DIAPHRAGM - SPALL (6FT X 7IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR PHOTO)

SPAN 2 RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR TO FAR BOTTOM CORNER (PAR PHOTO)

SPAN 2 BAY 7 FAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR PHOTO)

SPAN 2 BAY 9 FAR DIAPHRAGM - 2X SPALLS (UP TO 48IN X 12IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR PHOTO)

SPAN 2 BAY 10 FAR DIAPHRAGM - SPALL (6IN DIA. X 2IN D.) WITH NO EXPOSED REBAR ADJACENT TO BEAM 11

SPAN 2 BAY 8 FAR DIAPHRAGM - SPALL (18IN X 10IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR PHOTO)

BENT 2 CAP - STEEL REPAIR PLATES (UP TO 6FT X FULL HEIGHT) (5X TOTAL) TO NEAR FACE BELOW BEAMS 7-11

BENT 2 CAP - HORIZONTAL CRACK (1/32IN X 4.5FT L.) TO NEAR FACE AT TOP BELOW BAY 8

SPAN 2 DECK - TRANSVERSE HAIRLINE CRACK (8.5FT) WITH MINOR EFFLORESCENCE TO BOTTOM FACE BAY 5, 10FT FROM NEAR END

BENT 3 CAP - SPALL & DELAMINATION (9FT L. X 18IN H. X UP TO 6IN D.) WITH EXPOSED REBAR TO FAR FACE & TOP BELOW BAY 7 (PAR PHOTO)

SPAN 4 BAY 7 NEAR DIAPHRAGM - 2X SPALLS (UP TO 40IN X 8IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR PHOTO)

SPAN 4 BAY 8 NEAR DIAPHRAGM - SPALL & DELAMINATION (UP TO 48IN X 8IN X 2IN) WITH EXPOSED REBAR THROUGHOUT (PAR PHOTO)

BENT 3 CAP - DELAMINATION (20FT L. X 8IN H.) TO FAR FACE BELOW BAYS 8 & 9

SPAN 2 DECK - SPALL (15FT X 8IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT MIDSPAN (PAR PHOTO)

BENT 2 CAP - DELAMINATION (24IN X 8IN X 8IN) WITH MINOR RUST STAINING TO BOTTOM & FAR FACE OF CAP BETWEEN PILES 8 & 9 (PAR PHOTO)

BENT 3 CAP - LOOSE DELAMINATION (4.5FT X 2FT) TO NEAR FACE BELOW BAY 8 (PAR PHOTO)

BENT 3 CAP - DELAMINATION (5FT X 1.5FT) TO NEAR FACE BELOW BEAM 7 & BAAY 7

TYP. MINOR SPALLING (UP TO 8IN X 4IN X 1IN) WITH EXPOSED REBAR THROUGHOUT BOTTOM FACE OF DIAPHRAGMS, SPAN 4 BAY 7 FAR DIAPHRAGM

TYP. VERTICAL 1/4IN CRACKING & DELAMINATION (UP TO FULL WIDTH X 3FT H.) THROUGHOUT FAR FACE OF BENT 1 COLUMNS, COLUMN 11

BENT 4 CAP - VERTICAL HAIRLINE TO 1/32IN CRACKING (FULL HEIGHT) TO NEAR FACE BELOW BAY 6

BENT 4 CAP - HORIZONTAL 1/8IN CRACKING & DELAM (UP TO 8IN H.) FOR 25FT BELOW BAYS 7-9

SPAN 4 BAY 8 FAR DIAPHRAGM - SPALL (16IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR PHOTO)

SPAN 4 DECK - SPALL (25FT X 6IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR PHOTO)

BENT 4 COLUMN 14 - SPALL & DELAMINATION (FULL WIDTH X 2FT X UP TO 1IN) TO FAR FACE AT TOP

BENT 4 COLUMN 16 - DELAMINATION (3FT H. X FULL WIDTH) TO FAR FACE (COLUMN 15, 17 SIMILAR)

BENT 4 CAP - DELAMINATION (FULL HEIGHT) & 2X SPALLS (UP TO 48IN X 16IN X 3IN) WITH EXPOSED REBAR TO FAR FACE BELOW BAYS 8-10 (25FT TOTAL) (PAR PHOTO 1/3)

BENT 4 CAP - DELAMINATION (FULL HEIGHT) & 2X SPALLS (UP TO 48IN X 16IN X 3IN) WITH EXPOSED REBAR TO FAR FACE BELOW BAYS 8-10 (25FT TOTAL) (PAR PHOTO 2/3)

BENT 4 CAP - DELAMINATION (FULL HEIGHT) & 2X SPALLS (UP TO 48IN X 16IN X 3IN) WITH EXPOSED REBAR TO FAR FACE BELOW BAYS 8-10 (25FT TOTAL) (PAR PHOTO 3/3)

BENT 4 CAP - DELAMINATION (8 SQ. FT.) TO FAR FACE BELOW BAY 7

SPAN 5 BAY 7 NEAR DIAPHRAGM - SPALL (20IN X 20IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR PHOTO)

SPAN 5 BAY 9 NEAR DIAPHRAGM - SPALL (26IN X 12IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR PHOTO)

SPAN 5 BAY 10 NEAR DIAPHRAGM - SPALL (24IN X 8IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 11 (PAR PHOTO)

SPAN 5 RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (14IN X 8IN X 2IN) WITH EXPOSED REBAR (PAR PHOTO)

TYP. INTERMITTENT VERTICAL & TRANSVERSE HAIRLINE CRACKING THROUGHOUT END BENT 2 BACKWALL BAY 5

SPAN 5 DECK - TRANSVERSE HAIRLINE CRACK (8FT L.) WITH MODERATE EFFLORESCENCE IN BAY 5 AT MIDSPAN (SIMILAR BAY 6)

END BENT 2 CAP - VERTICAL CRACK (1/16IN X FULL HEIGHT) TO FACE BELOW BAY 5

TYP. INTERMITTENT VERTICAL HAIRLINE CRACKING (UP TO FULL HEIGHT) THROUGHOUT END BENT 2 CAP, BAY 4

FAR LEFT WINGWALL - SPALL (6IN X 4IN X 1IN) WITH NO EXPOSED REBAR TO TOP CORNER AT LEFT SIDE
(FAR RIGHT WINGWALL SIMILAR, AT RIGHT SIDE TOP)

TYP. MULTIPLE MINOR SPALLS (UP TO 8IN X 3IN X 1/2IN) WITH EXPOSED REBAR THROUGHOUT SPAN 3
NEAR & FAR DIAPHRAGMS, SPAN 3 BAY 9 FAR DIAPHRAGM

SPAN 3 BAY 10 FAR DIAPHRAGM - SPALL (36IN X 12IN X 4IN) WITH EXPOSED REBAR (PAR PHOTO)

SPAN 3 BAY 7 NEAR DIAPHRAGM - SPALL (16IN X 16IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR PHOTO)

SPAN 3 BAY 8 NEAR DIAPHRAGM - SPALL (18IN X 8IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR PHOTO)

SPAN 3 BAY 9 NEAR DIAPHRAGM - SPALL (24IN X 24IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR PHOTO)

SPAN 3 RIGHT OVERHANG DIAPHRAGM AT NEAR END - DELAMINATION (1SQ. FT.) THROUGHOUT

SPAN 1 BEAM 7 - WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 1 BEAM 7 - BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, 1/12IN REMAIN) TO FULL WIDTH & WEB SECTION LOSS (3/8IN SL, AVG. 1/8IN REMAIN) X 6IN H. FOR 10FT L. AT FAR END (PAR PHOTO)

SPAN 1 BEAM 7 - WEB SECTION LOSS (3/16IN SL, 5/16IN REMAIN) TO RIGHT SIDE, 2IN H. FOR 6FT L. STARTING 10FT FROM FAR END (PAR PHOTO)

SPAN 1 BEAM 8 - WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 8 - WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 1 BEAM 9 - WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 4IN H. TO FAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 9 - WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 20IN L. X 2IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 9 - WEB SECTION LOSS (1/16IN SL, 7/16IN REMAIN) TO BOTTOM FOR 24IN L. X 3IN H. AT NEAR END

SPAN 1 BEAM 10 - WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 10 - WEB SECTION LOSS (5/16IN SL, 3/16IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 1 BEAM 11 - WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 9IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 11 - WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 11 - BOTTOM FLANGE SECTION LOSS (UP TO 4% SL, 1/16IN SL, 11/16IN REMAIN) TO LEFT SIDE, 5IN W. FOR 2/3 LENGTH

SPAN 2 BEAM 7- WEB SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) FOR 16IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 7 - BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, AVG. 1/2IN REMAIN) TO FULL WIDTH FOR 1FT L. & WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) X 3IN H. FOR 5FT L. AT NEAR END (PAR PHOTO)

SPAN 5 BEAM 7 - BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 4FT L. AT NEAR END (PAR PHOTO)

SPAN 5 BEAM 7 - WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) FOR 18IN L. X 25IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 4 BEAM 7 - BOTTOM FLANGE SECTION LOSS (UP TO 22% SL, 3/16IN SL, 11/16IN REMAIN) TO FULL WIDTH FOR 12FT & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 5IN H. FOR 1/2 L. AT FAR END

SPAN 4 BEAM 7 - WEB SECTION LOSS (1/16IN SL, 1/2IN REMAIN) FOR 20IN L. X 20IN H. AT FAR END DIAPHRAGM

SPAN 5 BEAM 8 - WEB SECTION LOSS (1/16IN SL, 9/16IN REMAIN) FOR 8IN L. X 3IN H. AT NEAR END DIAPHRAGM

SPAN 4 BEAM 8 - WEB SECTION LOSS (1/16IN SL, 9/16IN REMAIN) FOR 8IN L. X 3IN H. AT FAR END DIAPHRAGM

SPAN 5 BEAM 9 - BOTTOM FLANGE SECTION LOSS (UP TO 13% SL, 1/8IN SL, 13/16IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/16IN SL, 9/16IN REMAIN) TO BOTTOM FOR 4IN H. X 3FT L. AT NEAR END

SPAN 5 BEAM 9 - WEB SECTION LOSS (5/16IN SL, 5/16IN REMAIN) FOR 16IN L. X 9IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 4 BEAM 9 - WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 12IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 5 BEAM 10 - BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 7/8IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/16IN SL, 9/16IN REMAIN) X 3IN H. FOR 2FT L. AT NEAR END

SPAN 5 BEAM 10 - WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 4 BEAM 10 - WEB SECTION LOSS (1/8IN SL, 1/2IN REMAIN) FOR 8IN L. X 6IN H. AT FAR END DIAPHRAGM

SPAN 5 BEAM 11 - BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) TO BOTTOM X 2IN H. FOR 2FT L. AT NEAR END (PAR PHOTO)

SPAN 4 BEAM 11- WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 20IN L. X 20IN H. AT FAR END DIAPHRAGM

SPAN 4 BEAM 11 - BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 15FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 5IN H. FOR 15FT L. AT FAR END (PAR PHOTO)

SPAN 5 BEAM 11 - WEB SECTION LOSS (UP TO 1/2IN SL, 5/16IN REMAIN) FOR 20IN L. X 20IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 1 RIGHT OVERHANG UTILITY - SECTION LOSS (1/4IN SL, 5/8IN REMAIN) TO BOTH HANGERS AT FAR END (PAR PHOTO)

BENT 2 CAP - TIMBER CRIBBING REMAINS THROUGHOUT TOP OF CAP IN BAYS 7 & 8

BENT 2 PILE 9 - NEAR FLANGE SECTION LOSS (3/16IN SL, 1/4IN REMAIN) AT TOP, 2IN H. X FULL WIDTH (SIMILAR AT FAR FLANGE) (PAR PHOTO)

SPAN 2 BEAM 7 - WEB SECTION LOSS (UP TO 100% SL, AVG. 3/16IN REMAIN) TO FULL HEIGHT FOR 18IN L. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 7 - BOTTOM FLANGE SECTION LOSS (UP TO 25% SL, 3/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 4FT L. & WEB SECTION LOSS (1/8IN SL, 3/8IN REMAIN) TO BOTTOM X 2IN H. FOR 4FT AT FAR END (PAR PHOTO)

SPAN 3 BEAM 7 - WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 18IN L. X 12IN H. AT NEAR END DIAPHRAGM

SPAN 3 BEAM 7 - BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 13/16IN REMAIN) TO FULL WIDTH FOR 3FT AT NEAR END & WEB SCALING (NO MEASURABLE SECTION LOSS)

BENT 2 PILE 10 - NEAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP (FAR FLANGE SIMILAR) (PAR PHOTO)

SPAN 2 BEAM 8 - BOTTOM FLANGE MODERATE SURFACE CORROSION FOR 2FT AT FAR END (SPAN 3 BEAM 8 SIMILAR FOR 1FT AT NEAR END)

SPAN 2 BEAM 8 - WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 3 BEAM 8 - WEB SECTION LOSS (UP TO 1/8IN SL, 1/2IN REMAIN) FOR 1IN W. AROUND NEAR END DIAPHRAGM

BENT 2 PILE 11 - NEAR FLANGE SECTION LOSS (1/16IN SL, 3/8IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP (PILES 12, 13, 14 SIMILAR)

SPAN 2 BEAM 9 - WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 15IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 3 BEAM 9 - WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) TO FULL HEIGHT X 2FT L. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 3 BEAM 9 - BOTTOM FLANGE SECTION LOSS (UP TO 20% SL, 3/16IN SL, 3/4IN REMAIN) TO FULL WIDTH FOR 3FT AT NEAR END

SPAN 2 BEAM 10 - WEB SECTON LOSS (UP TO 3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 10IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 3 BEAM 10 - WEB SECTION LOSS (UP TO 1/8IN SL, 1/2IN REMAIN) TO FULL HEIGHT X 24IN L. AT NEAR END DIAPHRAGM

BENT 2 PILE 12 - NEAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 1FT H. AT BOTTOM (PAR PHOTO)

BENT 2 PILE 14 - NEAR FLANGE PITTING (UP TO 1/8IN PITTING, 5/16IN REMAIN) FOR 5IN W. X 3IN H. AT BOTTOM

BENT 2 PILE 15 - NEAR & FAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH, 4IN H. AT NEAR FLANGE, 4FT H. AT FAR FLANGE UNDER REAIR (PAR PHOTO 1/2)

BENT 2 PILE 15 - NEAR & FAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH, 4IN H. AT NEAR FLANGE, 4FT H. AT FAR FLANGE UNDER REAIR (PAR PHOTO 2/2)

SPAN 2 BEAM 11 - WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 2 BEAM 11 - BOTTOM FLANGE SECTION LOSS (UP TO 8% SL, 1/16IN SL, 11/16IN REMAIN) TO FULL WIDTH FOR 4FT L. AT FAR END

SPAN 3 BEAM 11 - BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 4FT L. & WEB PITTING (1/8IN PITTING, 7/16IN REMAIN) TO FULL HEIGHT (PAR PHOTO)

TYP. DELAMINATION (FULL WIDTH X 1FT H.) THROUGHOUT FACES OF CONCRETE AT BASE OF COLUMNS, BENT 3 PILE 15

BENT 3 PILE 17 - NEAR FLANGE SECTION LOSS (UP TO 1/8IN SL, 5/16IN REMAIN) FOR 6IN W. X 6IN H. AT BOTTOM (FAR FLANGE SIMILAR, 1/16IN PITTING)

SPAN 3 BEAM 7 - WEB SECTION LOSS (UP TO 7/16IN SL, 1/8IN REMAIN) FOR 24IN L. X 5IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 3 BEAM 7 - BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 13/16IN REMAIN) TO FULL WIDTH FOR 10FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 3IN H. FOR 5FT L. AT FAR END

SPAN 4 BEAM 7 - WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 16IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

TYP. HEAVY SCALING TO BEARINGS AT BENT 3, BEAMLINE 7

SPAN 4 BEAM 8 - WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 12IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 3 BEAM 9 - WEB SECTION LOSS (3/16IN SL, 7/16IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 3 BEAM 9 - BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 7/8IN REMAIN) TO FULL WIDTH FOR 8FT L. AT FAR END

SPAN 4 BEAM 9 - WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) FOR 6IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 3 BEAM 10 - WEB SECTION LOSS (1/8IN SL, 1/2IN REMAIN) FOR 12IN L. X 1IN H. AT FAR END DIAPHRAGM (SIMILAR SPAN 4 BEAM 10 AT NEAR END DIAPHRAGM)

BENT 3 PILE 17 - FAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 4IN H. AT TOP (NEAR FLANGE SIMILAR) (PAR PHOTO)

SPAN 3 BEAM 11 - WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR PHOTO)

SPAN 4 BEAM 11 - WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR PHOTO)

SPAN 4 BEAM 11 - BOTTOM FLANGE SECTION LOSS (UP TO 7% SL, 1/16IN SL, 13/16IN REMAIN) TO FULL WIDTH FOR 2FT L. AT NEAR END (SIMILAR AT MIDSPAN FOR 5FT L.)

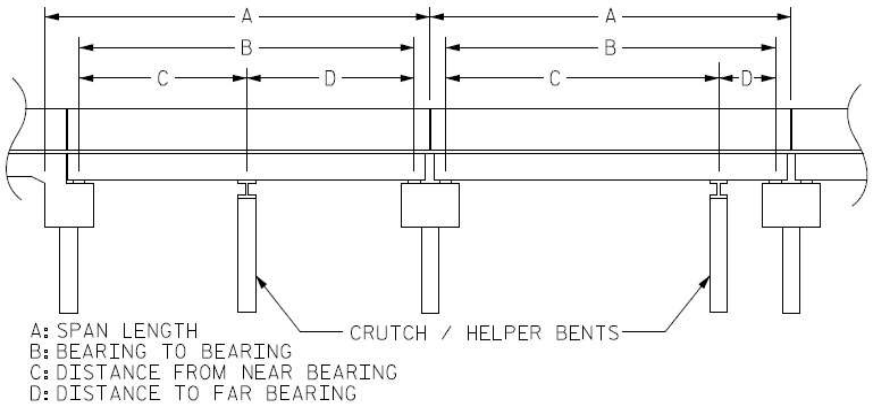
SPAN 4 RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 6IN X 3IN) WITH EXPOSED REBAR (PAR PHOTO)

SPAN 1 BEAM 5 FAR BEARING - LEFT SIDE ANCHOR NUT MISSING (PAR PHOTO)

Structure Data Worksheet

Span Profile

County: **BURKE** Structure Number: **110099**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	32.500	30.500			
2	32.500	30.500			
3	42.500	41.670			
4	42.500	41.670			
5	42.500	41.670			

Structure Number: 110099 Span: 3 Route Name: Railroad

SPAN 3 VERTICAL CLEARANCE, LOOKING NORTH

Route Number: 80000000	**Route Name:** Railroad			**Reference Feature:** R
Minimum Vertical Clearance 21.250 feet	**Maximum Minimum Vertical Clearance** feet			
Total Horizontal Clearance 23.640 feet	**Lateral Clearances: Left:** 12.000 feet **Right** 11.640 feet			
☐ **Base Highway Network**	**LRS Inventory Route, Sub Route Number**			
Milepost: 0.000	**Number of Lanes:**	**ADT:**	**Year of ADT:**	**Percentage of Trucks:** 0
☐ **National Highway System**	☐ **STRAHNET Highway Designator**			
Functional Classification	**Direction of Traffic:**			

LOOKING STATIONS AHEAD, EAST

LOOKING STATIONS BACK, WEST

LOOKING NORTH

LOOKING SOUTH

SOUTH ELEVATION, LOOKING AHEAD

NORTH ELEVATION, LOOKING AHEAD

TYP. GUARDRAIL ATTACHMENT, NEAR RIGHT

BRIDGE PLAQUE AT NEAR RIGHT

TYP. GUARDRAIL TRANSITION, NEAR LEFT

GUARDRAIL END TREATMENT AT FAR RIGHT

TYP. GUARDRAIL POST SPACING, FAR RIGHT

TYP. WINGWALL, NEAR RIGHT

END BENT 1, LEFT SIDE

TYP. BEARING AT END BENT 1, BEAM 1 (BEAM 2-6 SIMILAR)

TYP. BEARING AT BENT 1, BEAM 2 (BEAM 1-6 SIMILAR)

BENT 1, NEAR SIDE

BENT 2, NEAR SIDE

SPAN 3 VERTICAL CLEARANCE, LOOKING NORTH

BENT 3, NEAR SIDE

BENT 4 CAP, LEFT SIDE

BENT 4 CAP, RIGHT SIDE

END BENT 2

TYP. UTILITY THROUGHOUT RIGHT OVERHANG, SPAN 5 LOOKING BACK

TYP. SUPERSTRUCTURE, SPAN 3 LOOKING AHEAD

BENT 2, FAR SIDE

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110099 County BURKE Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3102	Removal of Hazard	EA	1	SPAN 1 RIGHT OVERHANG UTILITY - BRACKET SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) AT CONNECTION TO BEAM 11 BOTTOM FLANGE AT FAR END (PAR)	
3102	Removal of Hazard	EA	1	SPAN 1 RIGHT OVERHANG UTILITY - SECTION LOSS (1/4IN SL, 5/8IN REMAIN) TO BOTH HANGERS AT FAR END (PAR)	
3102	Removal of Hazard	EA	1		
3120	Repair/Maintain Barriers	LF	1	NEAR LEFT GUARDRAIL ATTACHMENT - NO ANCHOR BOLTS PRESENT (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 11: WEB SECTION LOSS (3/16IN PITTING, 5/16IN REMAIN) TO RIGHT SIDE, 6IN X 6IN AT BOTH SIDES OF UTILITY BRACKET CONNECTION, 6FT FROM FAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 7: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	8	Span 1 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, 1/12IN REMAIN) TO FULL WIDTH & WEB SECTION LOSS (3/8IN SL, AVG. 1/8IN REMAIN) X 6IN H. FOR 10FT L. AT FAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	6	Span 1 Beam 7: WEB SECTION LOSS (3/16IN SL, 5/16IN REMAIN) TO RIGHT SIDE, 2IN H. FOR 6FT L. STARTING 10FT FROM FAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 8: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 4IN H. TO FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 10: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110099 County BURKE Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 11: WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 9IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 7: WEB SECTION LOSS (UP TO 100% SL, AVG. 3/16IN REMAIN) TO FULL HEIGHT FOR 18IN L. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	4	Span 2 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 25% SL, 3/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 4FT L. & WEB SECTION LOSS (1/8IN SL, 3/8IN REMAIN) TO BOTTOM X 2IN H. FOR 4FT AT FAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) FOR 16IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	5	Span 2 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, AVG. 1/2IN REMAIN) TO FULL WIDTH FOR 1FT L. & WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) X 3IN H. FOR 5FT L. AT NEAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 8: WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 8: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 3IN H.) AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 15IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 20IN L. X 2IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 10: WEB SECTON LOSS (UP TO 3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 10IN H. AT FAR END DIAPHRAGM (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110099 County BURKE Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 10: WEB SECTION LOSS (5/16IN SL, 3/16IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 11: WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 11: WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 7: WEB SECTION LOSS (UP TO 7/16IN SL, 1/8IN REMAIN) FOR 24IN L. X 5IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 9: WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) TO FULL HEIGHT X 2FT L. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 9: WEB SECTION LOSS (3/16IN SL, 7/16IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	20	Span 3 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 4FT L. AT NEAR END, 6FT AT MIDSPAN, AND LEFT SIDE ONLY FOR 10FT AT FAR END & WEB PITTING (1/8IN PITTING, 7/16IN REMAIN) TO FULL HEIGHT FOR 4FT AT NEAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 11: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 7: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 16IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 8: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 12IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 9: WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) FOR 6IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 9: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 12IN H. AT FAR END DIAPHRAGM (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110099 County BURKE Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	15	Span 4 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 15FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 5IN H. FOR 15FT L. AT FAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 11: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	4	Span 5 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 4FT L. AT NEAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) FOR 18IN L. X 25IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 9: WEB SECTION LOSS (5/16IN SL, 5/16IN REMAIN) FOR 16IN L. X 9IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 10: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) TO BOTTOM X 2IN H. FOR 2FT L. AT NEAR END (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 11: WEB SECTION LOSS (UP TO 1/2IN SL, 5/16IN REMAIN) FOR 20IN L. X 20IN H. AT NEAR END DIAPHRAGM (PAR)	
3318	Maint to Concrete Handrail	LF	2	Span 1 Right Bridge Rail: HEAVY IMPACT DAMAGE (2FTL. X FULL HEIGHT) WITH BROKEN CONCRETE AND LEANING RAIL AT MIDSPAN (PAR)	
3318	Maint to Concrete Handrail	LF	10	Span 5 Right Bridge Rail: HEAVY IMPACT DAMAGE (FULL HEIGHT X 10FT L.) WITH BROKEN/SPALLED CONCRETE & EXPOSED REBAR STARTING 5FT FROM NEAR END (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110099 County BURKE Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3326	Maintain Concrete Deck	SF	12	Span 1 Deck: SPALL & DELAMINATION (12FT L. X 1FT W. X 4IN D.) WITH EXPOSED REBAR RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR)	
3326	Maintain Concrete Deck	SF	1	Span 1 Deck: BAY 9 FAR DIAPHRAGM - SPALL (12IN X 6IN 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR)	
3326	Maintain Concrete Deck	SF	3	Span 1 Deck: BAY 8 FAR DIAPHRAGM - SPALL (30IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 1 Deck: BAY 8 FAR DIAPHRAGM - SPALL (24IN X 8IN X 4IN) WITH EXPOSED REBAR AT MIDDLE (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 1 Deck: BAY 7 FAR DIAPHRAGM - SPALL (18IN X 16IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)	
3326	Maintain Concrete Deck	SF	10	Span 2 Deck: BAY 7 NEAR DIAPHRAGM - FAILED REPAIR WITH SPALLING (UP TO 30IN X 12IN X 6IN) WITH EXPOSED REBAR THROUGHOUT (PAR)	
3326	Maintain Concrete Deck	SF	4	Span 2 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (40IN X 12IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR)	
3326	Maintain Concrete Deck	SF	1	Span 2 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR)	
3326	Maintain Concrete Deck	SF	6	Span 2 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (6FT X 7IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR)	
3326	Maintain Concrete Deck	SF	1	Span 2 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR TO FAR BOTTOM CORNER (PAR)	
3326	Maintain Concrete Deck	SF	1	Span 2 Deck: BAY 7 FAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)	
3326	Maintain Concrete Deck	SF	4	Span 2 Deck: BAY 9 FAR DIAPHRAGM - 2X SPALLS (UP TO 48IN X 12IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110099 County BURKE Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3326	Maintain Concrete Deck	SF	2	Span 2 Deck: BAY 8 FAR DIAPHRAGM - SPALL (18IN X 10IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)	
3326	Maintain Concrete Deck	SF	6	Span 4 Deck: BAY 7 NEAR DIAPHRAGM - 2X SPALLS (UP TO 40IN X 8IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR)	
3326	Maintain Concrete Deck	SF	4	Span 4 Deck: BAY 8 NEAR DIAPHRAGM - SPALL & DELAMINATION (UP TO 48IN X 8IN X 2IN) WITH EXPOSED REBAR THROUGHOUT (PAR)	
3326	Maintain Concrete Deck	SF	15	Span 2 Deck: SPALL (15FT X 8IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT MIDSPAN (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 4 Deck: BAY 8 FAR DIAPHRAGM - SPALL (16IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)	
3326	Maintain Concrete Deck	SF	25	Span 4 Deck: SPALL (25FT X 6IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 5 Deck: BAY 7 NEAR DIAPHRAGM - SPALL (20IN X 20IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR)	
3326	Maintain Concrete Deck	SF	3	Span 5 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (26IN X 12IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 5 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (24IN X 8IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 11 (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 5 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (14IN X 8IN X 2IN) WITH EXPOSED REBAR (PAR)	
3326	Maintain Concrete Deck	SF	3	Span 3 Deck: BAY 10 FAR DIAPHRAGM - SPALL (36IN X 12IN X 4IN) WITH EXPOSED REBAR (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110099 County BURKE Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3326	Maintain Concrete Deck	SF	2	Span 3 Deck: BAY 7 NEAR DIAPHRAGM - SPALL (16IN X 16IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 3 Deck: BAY 8 NEAR DIAPHRAGM - SPALL (18IN X 8IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 3 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (24IN X 24IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)	
3326	Maintain Concrete Deck	SF	1	Span 4 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 6IN X 3IN) WITH EXPOSED REBAR (PAR)	
3334	Bridge Bearings	EA	1	Span 1 Beam 5 - Far Bearing 5: LEFT SIDE ANCHOR NUT MISSING (PAR)	
3348	Maintain Concrete Substructure Components	LF	4	Bent 1 Cap 1: SPALL (48IN X 12IN X 5IN) WITH EXPOSED REBAR TO NEAR BOTTOM CORNER BELOW BAY 9 (PAR)	
3348	Maintain Concrete Substructure Components	LF	35	Bent 1 Cap 1: DELAMINATION (35FT L. X UP TO 24IN H.) TO FAR FACE AT TOP BELOW BAYS 7-11 (PAR)	
3348	Maintain Concrete Substructure Components	LF	3	Bent 1 Cap 1: SPALL (36IN X 12IN X 2IN) WITH EXPOSED REBAR TO FAR FACE BELOW BEAM 9 (PAR)	
3348	Maintain Concrete Substructure Components	LF	2	Bent 2 Cap 1: DELAMINATION (24IN X 8IN X 8IN) WITH MINOR RUST STAINING TO BOTTOM & FAR FACE OF CAP BETWEEN PILES 8 & 9 (PAR)	
3348	Maintain Concrete Substructure Components	LF	9	Bent 3 Cap 1: SPALL & DELAMINATION (9FT L. X 18IN H. X UP TO 6IN D.) WITH EXPOSED REBAR TO FAR FACE & TOP BELOW BAY 7 (PAR)	
3348	Maintain Concrete Substructure Components	LF	5	Bent 3 Cap 1: LOOSE DELAMINATION (4.5FT X 2FT) TO NEAR FACE BELOW BAY 8 (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110099 County BURKE Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3348	Maintain Concrete Substructure Components	LF	25	Bent 4 Cap 1: DELAMINATION (FULL HEIGHT) & 2X SPALLS (UP TO 48IN X 16IN X 3IN) WITH EXPOSED REBAR TO FAR FACE BELOW BAYS 8-10 (25FT TOTAL) (PAR)	
3354	Maintain Steel Substructure Components	LF	1	Bent 2 Pile 9: NEAR FLANGE SECTION LOSS (3/16IN SL, 1/4IN REMAIN) AT TOP, 2IN H. X FULL WIDTH (SIMILAR AT FAR FLANGE) (PAR)	
3354	Maintain Steel Substructure Components	LF	1	Bent 2 Pile 10: NEAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP (FAR FLANGE SIMILAR) (PAR)	
3354	Maintain Steel Substructure Components	LF	1	Bent 2 Pile 12: NEAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 1FT H. AT BOTTOM (PAR)	
3354	Maintain Steel Substructure Components	LF	4	Bent 2 Pile 15: NEAR & FAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH, 4IN H. AT NEAR FLANGE, 4FT H. AT FAR FLANGE UNDER REAIR (PAR)	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 17: NEAR FLANGE SECTION LOSS (UP TO 1/8IN SL, 5/16IN REMAIN) FOR 6IN W. X 6IN H. AT BOTTOM (FAR FLANGE SIMILAR, 1/16IN PITTING)	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 17: FAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 4IN H. AT TOP (NEAR FLANGE SIMILAR) (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3102	Removal of Hazard	1 EA

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

SPAN 1 RIGHT OVERHANG UTILITY - BRACKET SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) AT CONNECTION TO BEAM 11 BOTTOM FLANGE AT FAR END (PAR)

MMS Code	MMS Description	Quantity
3102	Removal of Hazard	1 EA

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

SPAN 1 RIGHT OVERHANG UTILITY - SECTION LOSS (1/4IN SL, 5/8IN REMAIN) TO BOTH HANGERS AT FAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3102	Removal of Hazard	1 EA

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

MMS Code	MMS Description	Quantity
3120	Repair/Maintain Barriers	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
NEAR LEFT GUARDRAIL ATTACHMENT - NO ANCHOR BOLTS PRESENT (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 1 Beam 11: WEB SECTION LOSS (3/16IN PITTING, 5/16IN REMAIN) TO RIGHT SIDE, 6IN X 6IN AT BOTH SIDES OF UTILITY BRACKET CONNECTION, 6FT FROM FAR END (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 1 Beam 7: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	8 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, 1/12IN REMAIN) TO FULL WIDTH & WEB SECTION LOSS (3/8IN SL, AVG. 1/8IN REMAIN) X 6IN H. FOR 10FT L. AT FAR END (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	6 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Beam 7: WEB SECTION LOSS (3/16IN SL, 5/16IN REMAIN) TO RIGHT SIDE, 2IN H. FOR 6FT L. STARTING 10FT FROM FAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Beam 8: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 16IN L. X 4IN H. TO FAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 1 Beam 10: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 1 Beam 11: WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 9IN H. AT FAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Beam 7: WEB SECTION LOSS (UP TO 100% SL, AVG. 3/16IN REMAIN) TO FULL HEIGHT FOR 18IN L. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	4 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 25% SL, 3/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 4FT L. & WEB SECTION LOSS (1/8IN SL, 3/8IN REMAIN) TO BOTTOM X 2IN H. FOR 4FT AT FAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 3/16IN REMAIN) FOR 16IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	5 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 33% SL, 1/4IN SL, AVG. 1/2IN REMAIN) TO FULL WIDTH FOR 1FT L. & WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) X 3IN H. FOR 5FT L. AT NEAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Beam 8: WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Beam 8: WEB SECTION LOSS (1/4IN SL, 1/4IN REMAIN) FOR 16IN L. X 3IN H.) AT NEAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 15IN L. X 8IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Beam 9: WEB SECTION LOSS (UP TO 100% SL, AVG. 1/8IN REMAIN) FOR 20IN L. X 2IN H. AT NEAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Beam 10: WEB SECTON LOSS (UP TO 3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 10IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Beam 10: WEB SECTION LOSS (5/16IN SL, 3/16IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Beam 11: WEB SECTION LOSS (3/8IN SL, 1/8IN REMAIN) FOR 18IN L. X 8IN H. AT NEAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Beam 11: WEB SECTION LOSS (UP TO 7/16IN SL, AVG. 1/8IN REMAIN) FOR 12IN L. X 6IN H. AT FAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 3 Beam 7: WEB SECTION LOSS (UP TO 7/16IN SL, 1/8IN REMAIN) FOR 24IN L. X 5IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 3 Beam 9: WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) TO FULL HEIGHT X 2FT L. AT NEAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 3 Beam 9: WEB SECTION LOSS (3/16IN SL, 7/16IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	20 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 3 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 4FT L. AT NEAR END, 6FT AT MIDSPAN, AND LEFT SIDE ONLY FOR 10FT AT FAR END & WEB PITTING (1/8IN PITTING, 7/16IN REMAIN) TO FULL HEIGHT FOR 4FT AT NEAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 3 Beam 11: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 4IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 4 Beam 7: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 16IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 4 Beam 8: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 12IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 4 Beam 9: WEB SECTION LOSS (3/8IN SL, 1/4IN REMAIN) FOR 6IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 4 Beam 9: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 12IN H. AT FAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	15 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 4 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 15FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) X 5IN H. FOR 15FT L. AT FAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 4 Beam 11: WEB SECTION LOSS (7/16IN SL, 1/8IN REMAIN) FOR 18IN L. X 3IN H. AT NEAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	4 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Beam 7: BOTTOM FLANGE SECTION LOSS (UP TO 36% SL, 5/16IN SL, 9/16IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) FOR 4FT L. AT NEAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) FOR 18IN L. X 25IN H. AT NEAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Beam 9: WEB SECTION LOSS (5/16IN SL, 5/16IN REMAIN) FOR 16IN L. X 9IN H. AT NEAR END DIAPHRAGM (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Beam 10: WEB SECTION LOSS (1/4IN SL, 3/8IN REMAIN) FOR 20IN L. X 6IN H. AT NEAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FEMLEE	

Details

Span 5 Beam 11: BOTTOM FLANGE SECTION LOSS (UP TO 29% SL, 1/4IN SL, 5/8IN REMAIN) TO FULL WIDTH FOR 2FT L. & WEB SECTION LOSS (1/8IN SL, 7/16IN REMAIN) TO BOTTOM X 2IN H. FOR 2FT L. AT NEAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Beam 11: WEB SECTION LOSS (UP TO 1/2IN SL, 5/16IN REMAIN) FOR 20IN L. X 20IN H. AT NEAR END DIAPHRAGM (PAR)

MMS Code	MMS Description	Quantity
3318	Maint to Concrete Handrail	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Right Bridge Rail: HEAVY IMPACT DAMAGE (2FTL. X FULL HEIGHT) WITH BROKEN CONCRETE AND LEANING RAIL AT MIDSPAN (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3318	Maint to Concrete Handrail	10 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Right Bridge Rail: HEAVY IMPACT DAMAGE (FULL HEIGHT X 10FT L.) WITH BROKEN/SPALLED CONCRETE & EXPOSED REBAR STARTING 5FT FROM NEAR END (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	12 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Deck: SPALL & DELAMINATION (12FT L. X 1FT W. X 4IN D.) WITH EXPOSED REBAR RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	1 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Deck: BAY 9 FAR DIAPHRAGM - SPALL (12IN X 6IN 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	3 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Deck: BAY 8 FAR DIAPHRAGM - SPALL (30IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Deck: BAY 8 FAR DIAPHRAGM - SPALL (24IN X 8IN X 4IN) WITH EXPOSED REBAR AT MIDDLE (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 1 Deck: BAY 7 FAR DIAPHRAGM - SPALL (18IN X 16IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	10 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Deck: BAY 7 NEAR DIAPHRAGM - FAILED REPAIR WITH SPALLING (UP TO 30IN X 12IN X 6IN) WITH EXPOSED REBAR THROUGHOUT (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	4 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (40IN X 12IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	1 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 10 (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	6 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (6FT X 7IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	1 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR TO FAR BOTTOM CORNER (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	1 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Deck: BAY 7 FAR DIAPHRAGM - SPALL (12IN X 8IN X 2IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	4 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Deck: BAY 9 FAR DIAPHRAGM - 2X SPALLS (UP TO 48IN X 12IN X 3IN) WITH EXPOSED REBAR THROUGHOUT (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 2 Deck: BAY 8 FAR DIAPHRAGM - SPALL (18IN X 10IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	6 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 4 Deck: BAY 7 NEAR DIAPHRAGM - 2X SPALLS (UP TO 40IN X 8IN X 4IN) WITH EXPOSED REBAR THROUGHOUT (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	4 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 4 Deck: BAY 8 NEAR DIAPHRAGM - SPALL & DELAMINATION (UP TO 48IN X 8IN X 2IN) WITH EXPOSED REBAR THROUGHOUT (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	15 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 2 Deck: SPALL (15FT X 8IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT MIDSPAN (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 4 Deck: BAY 8 FAR DIAPHRAGM - SPALL (16IN X 10IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	25 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 4 Deck: SPALL (25FT X 6IN X 3IN) WITH EXPOSED REBAR TO RIGHT SIDE OF BEAM 11 HAUNCH AT FAR END (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Deck: BAY 7 NEAR DIAPHRAGM - SPALL (20IN X 20IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	3 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (26IN X 12IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 5 Deck: BAY 10 NEAR DIAPHRAGM - SPALL (24IN X 8IN X 3IN) WITH EXPOSED REBAR ADJACENT TO BEAM 11 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 5 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (14IN X 8IN X 2IN) WITH EXPOSED REBAR (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	3 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Span 3 Deck: BAY 10 FAR DIAPHRAGM - SPALL (36IN X 12IN X 4IN) WITH EXPOSED REBAR (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 3 Deck: BAY 7 NEAR DIAPHRAGM - SPALL (16IN X 16IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 7 (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 3 Deck: BAY 8 NEAR DIAPHRAGM - SPALL (18IN X 8IN X 4IN) WITH EXPOSED REBAR ADJACENT TO BEAM 8 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 3 Deck: BAY 9 NEAR DIAPHRAGM - SPALL (24IN X 24IN X 5IN) WITH EXPOSED REBAR ADJACENT TO BEAM 9 (PAR)

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	1 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Span 4 Deck: RIGHT OVERHANG DIAPHRAGM AT NEAR END - SPALL (12IN X 6IN X 3IN) WITH EXPOSED REBAR (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/31/2022	ADAM FELMLEE	

Details

Span 1 Beam 5 - Far Bearing 5: LEFT SIDE ANCHOR NUT MISSING (PAR)

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Bent 1 Cap 1: SPALL (48IN X 12IN X 5IN) WITH EXPOSED REBAR TO NEAR BOTTOM CORNER BELOW BAY 9 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	35 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Bent 1 Cap 1: DELAMINATION (35FT L. X UP TO 24IN H.) TO FAR FACE AT TOP BELOW BAYS 7-11 (PAR)

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	3 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Bent 1 Cap 1: SPALL (36IN X 12IN X 2IN) WITH EXPOSED REBAR TO FAR FACE BELOW BEAM 9 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Bent 2 Cap 1: DELAMINATION (24IN X 8IN X 8IN) WITH MINOR RUST STAINING TO BOTTOM & FAR FACE OF CAP BETWEEN PILES 8 & 9 (PAR)

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	9 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Bent 3 Cap 1: SPALL & DELAMINATION (9FT L. X 18IN H. X UP TO 6IN D.) WITH EXPOSED REBAR TO FAR FACE & TOP BELOW BAY 7 (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Bent 3 Cap 1: LOOSE DELAMINATION (4.5FT X 2FT) TO NEAR FACE BELOW BAY 8 (PAR)

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	25 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Analysis Review In Process	
Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details

Bent 4 Cap 1: DELAMINATION (FULL HEIGHT) & 2X SPALLS (UP TO 48IN X 16IN X 3IN) WITH EXPOSED REBAR TO FAR FACE BELOW BAYS 8-10 (25FT TOTAL) (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Bent 2 Pile 9: NEAR FLANGE SECTION LOSS (3/16IN SL, 1/4IN REMAIN) AT TOP, 2IN H. X FULL WIDTH (SIMILAR AT FAR FLANGE) (PAR)

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Bent 2 Pile 10: NEAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH X 3IN H. AT TOP (FAR FLANGE SIMILAR) (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Bent 2 Pile 12: NEAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 1FT H. AT BOTTOM (PAR)

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	4 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Bent 2 Pile 15: NEAR & FAR FLANGE SECTION LOSS (UP TO 100% SL, AVG. 1/4IN REMAIN) TO FULL WIDTH, 4IN H. AT NEAR FLANGE, 4FT H. AT FAR FLANGE UNDER REAIR (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110099 County BURKE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Bent 3 Pile 17: NEAR FLANGE SECTION LOSS (UP TO 1/8IN SL, 5/16IN REMAIN) FOR 6IN W. X 6IN H. AT BOTTOM (FAR FLANGE SIMILAR, 1/16IN PITTING)

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

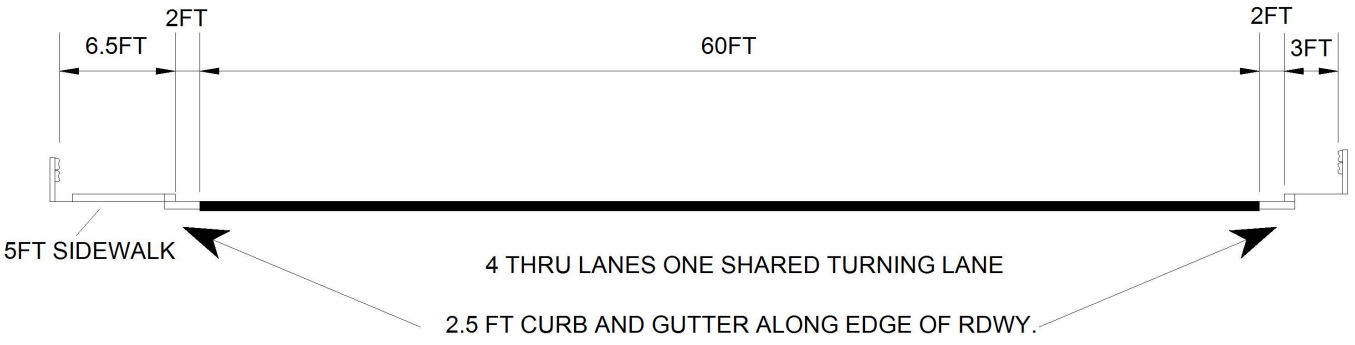
Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Analysis Review In Process

Submitted Date:	Submitted By:	Assisted By:
01/25/2022	ADAM FELMLEE	

Details
Bent 3 Pile 17: FAR FLANGE SECTION LOSS (1/8IN SL, 5/16IN REMAIN) TO FULL WIDTH X 4IN H. AT TOP (NEAR FLANGE SIMILAR) (PAR)

Bridge Inspection Field Sketch



MEASUREMENTS TAKEN 15 FROM NEAR END OF BRIDGE

Roadway	60ft Wide	5 Paved Lanes	Looking East
Left Shoulder	8.5ft Wide	2ft Paved	6.5ft Unpaved
Right Shoulder	5ft Wide	2ft Paved	3ft Unpaved
Left Guardrail	8.5ft from road		
Right Guardrail	5ft from road		

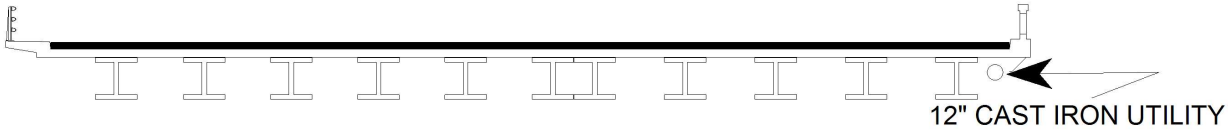
VERIFIED 01/24/22 AGF & WMH

Title	**Description**
APPROACH	APPROACH DETAILS

Bridge No: 110099	**Drawn By:** ITChapman	**Date:** 1/15/2020	**File Name:** S0142000424

Bridge Inspection Field Sketch

Deck Width/Out to Out	74.333ft	Between Rails			72ft
Clear Roadway	64ft [1]	Wearing Surface			0.45ft
Median Width		Median Height			
Curb Height		Left	0.3ft	Right	0.3ft
Sidewalk Width		Left	5ft	Right	3ft
Clear Roadway (Rail to Median)		Left		Right	
Guardrail Width		Left	1.167ft	Right	1.167ft
Top of Rail to Deck/Wearing Surface		Left	3.75ft	Right	3.217ft
Bridge Rail		Left	Type 3	Right	Type 31



Measurements for Span #	1		
Deck Thickness	0.542	Left Overhang	5.09
Top of Rail to Bottom of Beam	7.435 [2]	Right Overhang	4.083

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	6.77ft	
2	Steel I Beam	6.77ft	
3	Steel I Beam	6.77ft	
4	Steel I Beam	6.77ft	
5	Steel I Beam	6.77ft	
6	Steel I Beam	3.25ft	
7	Steel I Beam	7.015ft	
8	Steel I Beam	7.015ft	
9	Steel I Beam	7.015ft	
10	Steel I Beam	7.015ft	
11	Steel I Beam		

[1] MEASUREMENTS TAKEN BETWEEN SIDEWALKS
[2] MEASUREMENT FOR SPAN 5, BEAM 10. VARIES THROUGHOUT.

SEE "BEAM DETAILS" SHEET FOR BEAM SIZED & LAYOUT

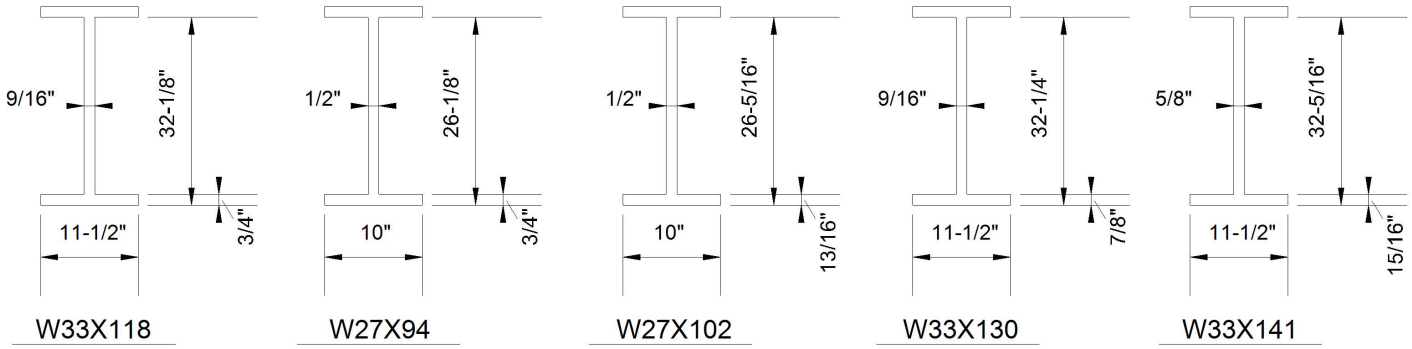
REVISED 01/24/22 AGF & WMH

Title	Description
DECK SECTION	LOOKING EAST

Bridge No:	Drawn By:	Date:	File Name:
110099	DEREK RICKUS	10/31/07	S0142000425

Bridge Inspection Field Sketch

BEAM TYPES



Span 1

Beam 1:	W33X118
Beams 2-7, 11:	W27X94
Beams 8-10:	W27X102

Span 2

Beam 1:	W33X118
Beams 2-7, 11:	W27X94
Beams 8-10:	W27X102

Span 3

Beams 1-6:	W33X118
Beams 7,11:	W33X130
BeamS 8-10:	W33X141

Span 4

Beams 1-6:	W33X118
Beams 7,11:	W33X130
BeamS 8-10:	W33X141

Span 5

Beams 1-6:	W33X118
Beams 7,11:	W33X130
BeamS 8-10:	W33X141

NOTE: TOP FLANGE OF ALL BEAMS IS EMBEDDED IN R/C DECK

REVISED 01/24/22 AGF & WMH

Title	**Description**
Beam Details	Beam Details

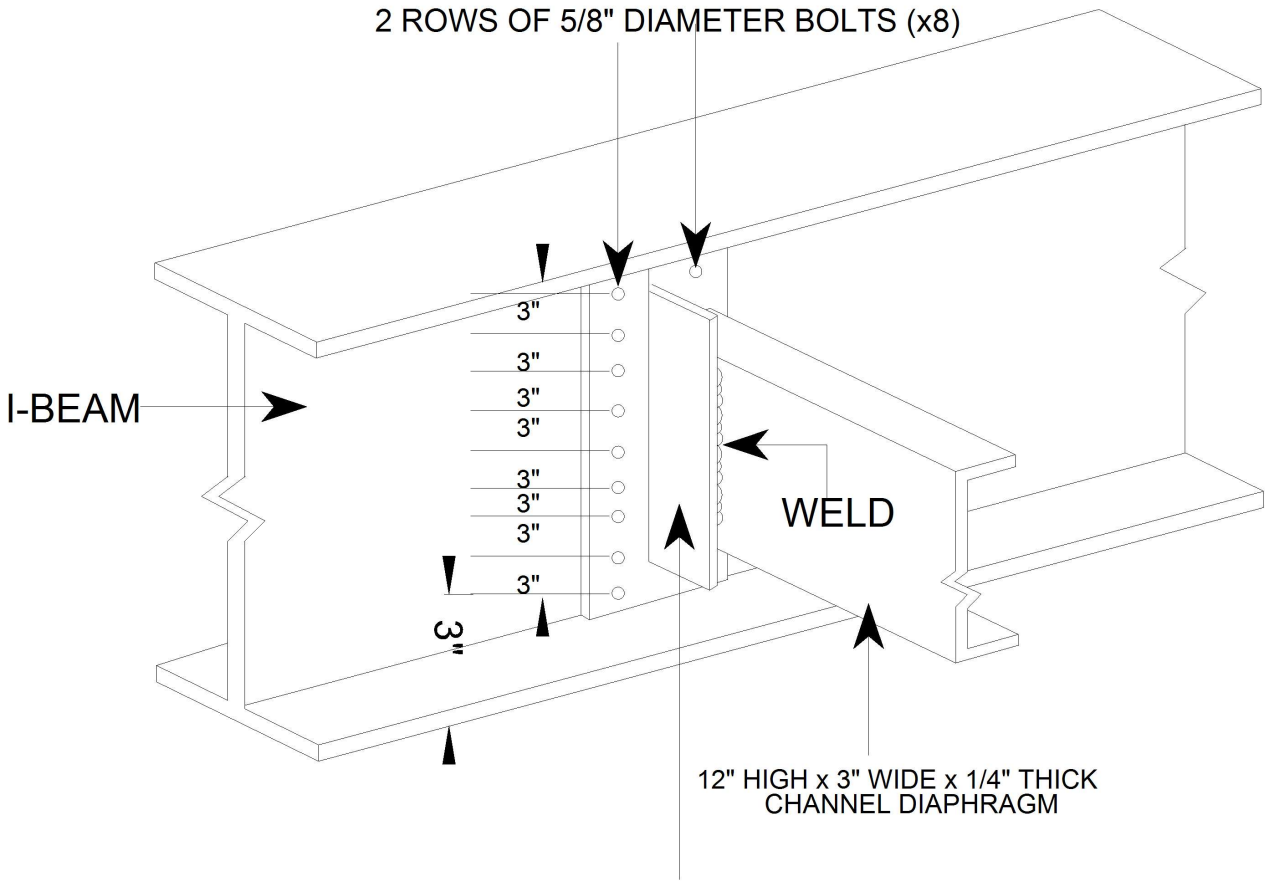
Bridge No:	**Drawn By:**	**Date:**	**File Name:**
110099	MTMills	4/10/2020	S0306000041

Bridge Inspection Field Sketch

DIAPHRAGM DETAILS

LOCATIONS : MIDSPAN

NOTE : SKETCH IS FOR DIAPHRAMS ON 27" BEAMS. DIAPHRAGMS ON DEEPER BEAMS HAVE LONGER T-BRACKETS AND 2 ADDITIONAL BOLTS.

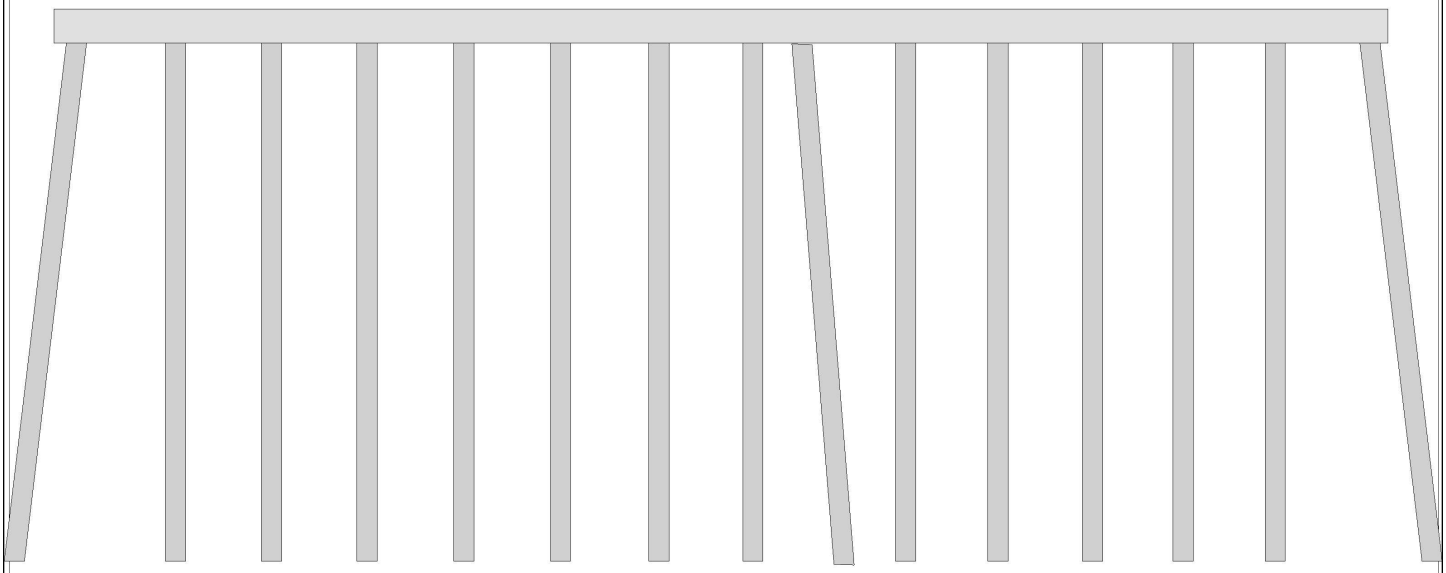


VERIFIED 01/24/22 AGF & WMH
VERIFIED SSP 1/9/18

Title	**Description**
INTERMEDIATE DIAPHRAGMS	DIAPHRAGM DETAILS

Bridge No:	**Drawn By:**	**Date:**	**File Name:**
110099	DELVIN ADAMS	1/9/2012	S0146031600

Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
110.560 ft.	2.500 ft.	2.830 ft.	1.880 ft.	1.470 ft.	2.15 ft.	1.50 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	STEEL H-PILES WITH FULL CONCRETE ENCASEMENT

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	8.22 ft.	1.67 ft.	1.67 ft.		Battered	Yes	No	No	No
2	Concrete	7.95 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
3	Concrete	7.92 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
4	Concrete	8.01 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
5	Concrete	8.01 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
6	Concrete	8.16 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
7	Concrete	7.80 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
8	Concrete	4.65 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
9	Concrete	8.01 ft.	1.67 ft.	1.67 ft.		Battered	Yes	No	No	No
10	Concrete	7.65 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
11	Concrete	7.84 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
12	Concrete	7.50 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
13	Concrete	7.64 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
14	Concrete	7.85 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
15	Concrete		1.67 ft.	1.67 ft.		Battered	Yes	No	No	No

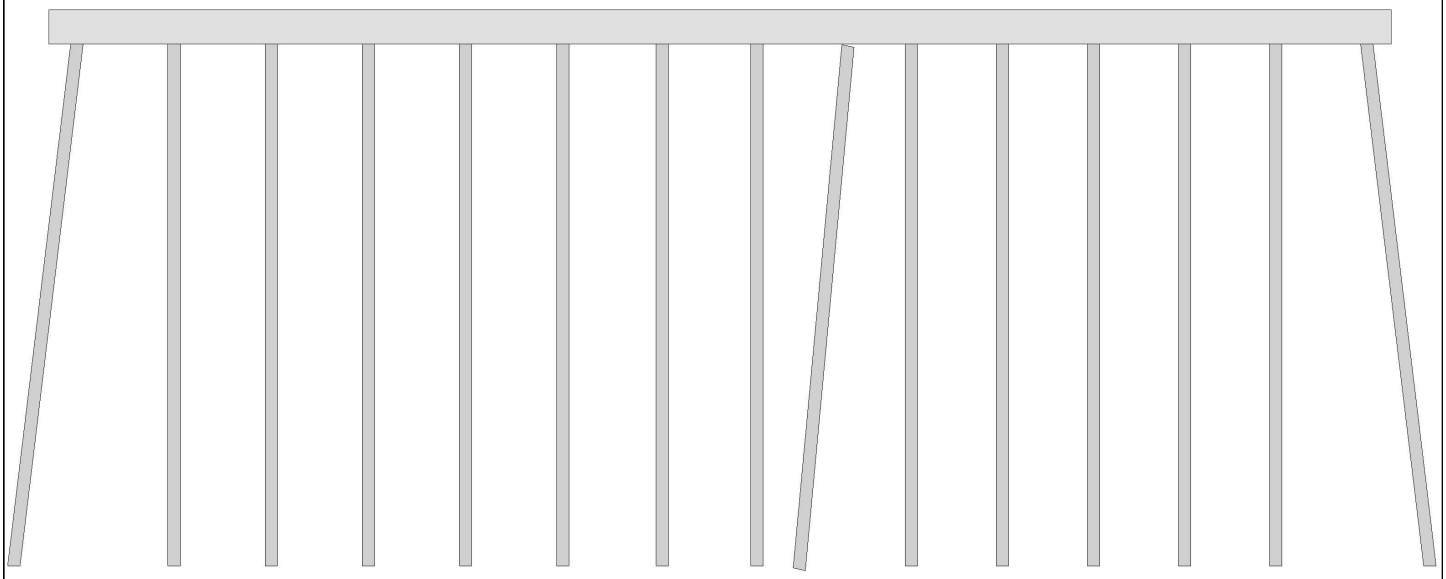
Bent/Abutment #: 1 Similar Bents:

Title
BENT 1
VERIFIED 01/24/22 AGF & WMH
Verified: ITChapman 1/15/2020

Description
LOOKING EAST

Bridge No: 110099 **Drawn By:** H.W. HICKS, JR. **Date:** 1/17/2016 **File Name:** S0318000899

Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
110.56ft.	2.500 ft.	2.830 ft.	1.88 ft.	1.47 ft.	2.300 ft.	1.500 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	

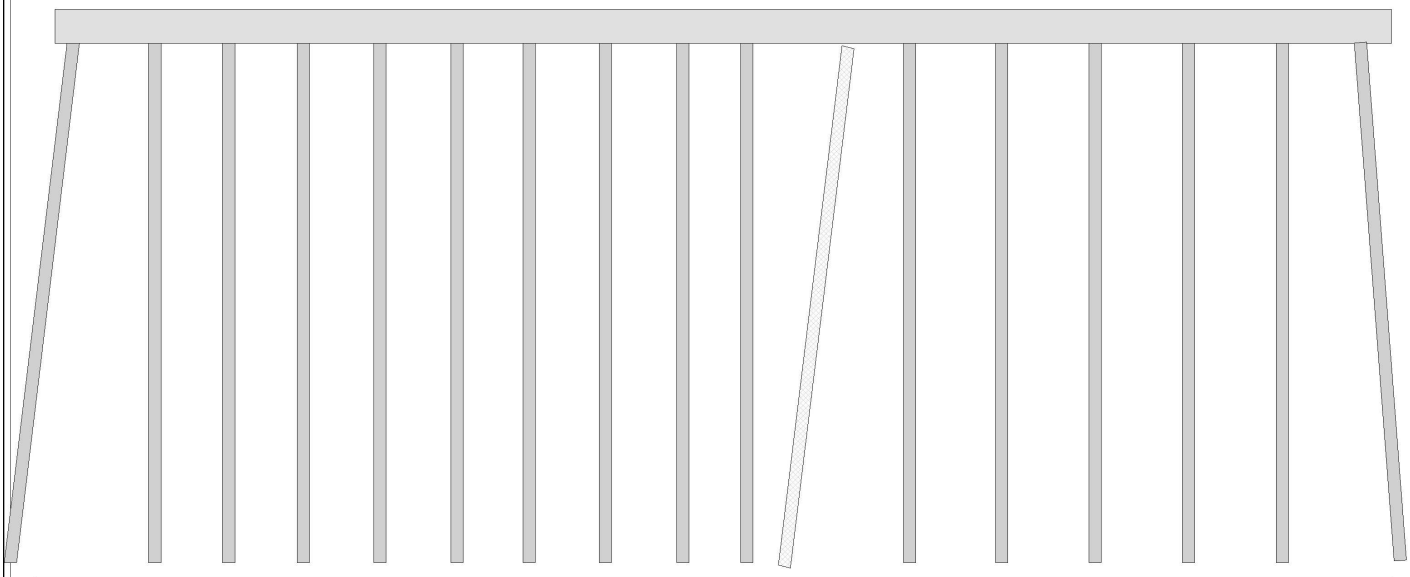
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Steel	8.22 ft.	1.021 ft.	0.979 ft.		Battered	Yes	No	No	Yes
2	Steel	7.95 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
3	Steel	7.92 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
4	Steel	8.01 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
5	Steel	8.01 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
6	Steel	8.16 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
7	Steel	7.80 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
8	Steel	4.65 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
9	Steel	8.01 ft.	1.021 ft.	0.979 ft.		Battered	Yes	No	No	Yes
10	Steel	7.65 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
11	Steel	7.84 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
12	Steel	7.50 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
13	Steel	7.64 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
14	Steel	7.85 ft.	1.021 ft.	0.979 ft.		Vertical	Yes	No	No	Yes
15	Steel		1.021 ft.	0.979 ft.		Battered	Yes	No	No	Yes

Bent/Abutment #: 2 Similar Bents:

Title		**Description**
BENT 2	VERIFIED 01/24/22 AGF & WMH Revised: MTMills 4/6/20	BENT 2

Bridge No:	110099	**Drawn By:**	ERIC A. PATTERSON	**Date:**	1/8/2014	**File Name:**	S0146031960

Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
110.550 ft.	2.500 ft.	2.830 ft.	1.510 ft.	1.470 ft.	2.150 ft.	1.500 ft.

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Steel	6.75 ft.	1.02 ft.	0.98 ft.		Battered	Yes	No	No	*Yes
2	Steel	6.11 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
3	Steel	6.17 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
4	Steel	6.33 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
5	Steel	6.38 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
6	Steel	5.97 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
7	Steel	6.30 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
8	Steel	6.41 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
9	Steel	5.31 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
10	Steel	5.00 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
11	Steel	8.45 ft.	1.02 ft.	0.98 ft.		Battered	No	No	No	*Yes
12	Steel	7.62 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
13	Steel	7.72 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
14	Steel	7.75 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
15	Steel	7.75 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
16	Steel	7.55 ft.	1.02 ft.	0.98 ft.		Vertical	Yes	No	No	*Yes
17	Steel		1.02 ft.	0.98 ft.		Battered	Yes	No	No	*Yes

STEEL H-PILES ENCASED IN CONCRETE 1' ABOVE GROUNDLINE

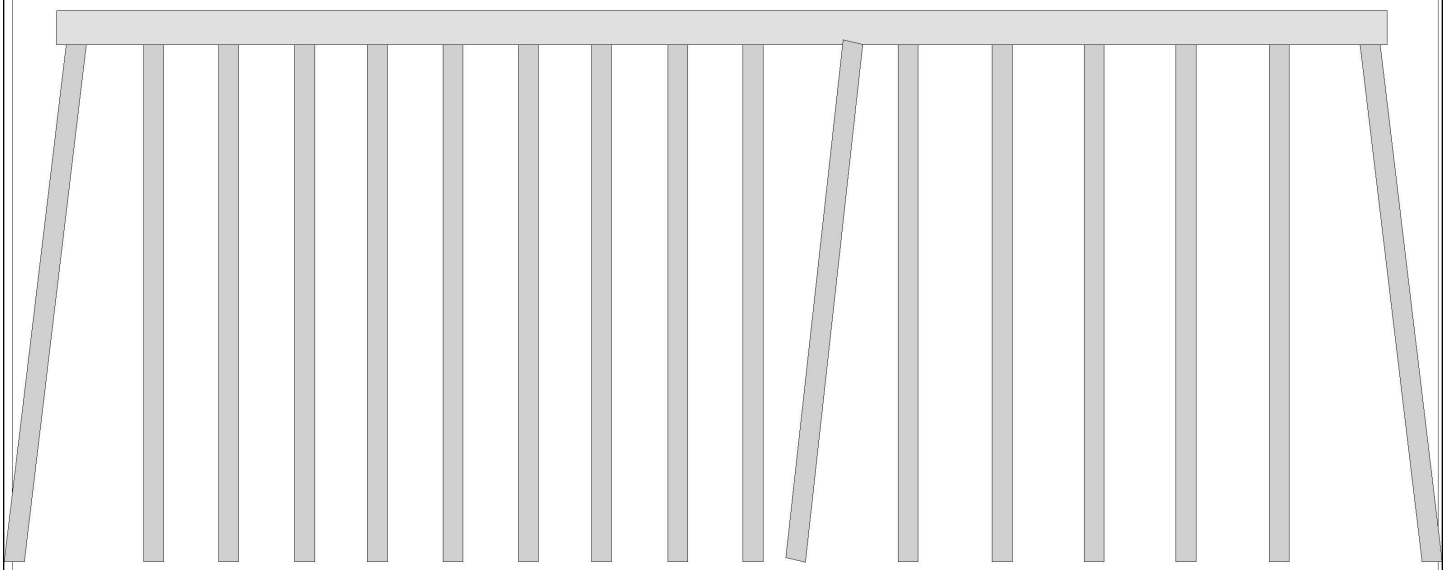
VERIFIED 01/24/22 AGF & WMH
Revised: MTMills 4/6/20

Bent/Abutment #: 3 Similar Bents:

Title	Description
BENT 3	BT.3 ONLY

Bridge No:	Drawn By:	Date:	File Name:
110099	H.W. HICKS, JR.	1/18/2016	S0318000900

Bridge Inspection Field Sketch



Cap Information — Material: Cast-in-Place Concrete

Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
110.550 ft.	2.500 ft.	2.830 ft.	1.630 ft.	1.430 ft.	2.150 ft.	1.500 ft.

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	6.42 ft.	1.67 ft.	1.67 ft.		Battered	Yes	No	No	No
2	Concrete	6.23 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
3	Concrete	6.32 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
4	Concrete	6.04 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
5	Concrete	6.29 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
6	Concrete	6.26 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
7	Concrete	6.07 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
8	Concrete	6.35 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
9	Concrete	6.25 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
10	Concrete	4.47 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
11	Concrete	8.40 ft.	1.67 ft.	1.67 ft.		Battered	Yes	No	No	No
12	Concrete	7.83 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
13	Concrete	7.62 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
14	Concrete	7.65 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
15	Concrete	7.74 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
16	Concrete	7.55 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
17	Concrete		1.67 ft.	1.67 ft.		Battered	Yes	No	No	No

STEEL H-PILES CONCRETE ENCASED

VERIFIED 01/24/22 AGF & WMH
Verified: ITChapman 1/15/2020

Bent/Abutment #: 4 Similar Bents:

Title	Description
BENT 4	LOOKING EAST

Bridge No:	Drawn By:	Date:	File Name:
110099	H.W. HICKS, JR.	1/18/2016	S0318000901

Bridge Inspection Field Sketch

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Title	Description
VERTICAL CLEARANCE	CLEARANCE DETAILS

Bridge No:	Drawn By:	Date:	File Name:
110099	DEREK RICKUS	10/31/07	S0142000423